

SAINISH MOMIN

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Results-driven Software Developer with 8+ years of experience delivering scalable, user-focused solutions across the full software development lifecycle. Expertise in Python, PHP, Java, MySQL, and a strong foundation in algorithms and data structures. Skilled in project planning, problem-solving, and optimizing processes to drive efficiency and innovation. Passionate about creating impactful applications and staying updated with emerging technologies.

EXPERIENCE

06/22/2021 – Present

SOFTWARE ENGINEER, DROPBOX INC.

1800 Owens St, San Francisco, CA - 94158

- Designed and implemented scalable APIs for Dropbox Sign, processing millions of monthly requests with 99.99% uptime. Introduced event-driven architecture with Kafka, reducing processing time by 30% and ensuring fault tolerance.
 - Built a real-time API dashboard using Elasticsearch to provide customers with actionable insights into API usage. Reduced data latency from 1 minute to seconds, enhancing customer experience and operational visibility.
 - Conducted thorough security assessments to identify and mitigate vulnerabilities, ensuring robust protection against threats through regular code reviews and penetration testing.
 - Adoption of OpenAPI with Redocly and Swagger, automating API documentation and SDK generation. Reduced engineering overhead by 30%, improved documentation accuracy, and enabled developer-friendly features like in-browser API testing.
 - Addressed critical API security risks by implementing real-time monitoring, alerting, and automated key rotation using Akeyless.
 - Delivered the Sign AI project MVP, integrating document generation and context-aware features into the e-signature product.
 - Mentored junior engineers, decomposed complex projects into manageable tasks, and facilitated cross-functional planning sessions. Ensured on-time delivery of critical features while maintaining a collaborative team culture.
- Skills Used: Python, PHP, MySQL, React.js, Elasticsearch, Kafka, Symphony

02/25/2019 – 06/22/2021

SOFTWARE ENGINEER II, WAYFAIR INC.

4 COPLEY PLACE, 7TH FLOOR, BOSTON, MA - 02116

- Re-architected Wayfair's financing system and integrated various services to improve user experience and operational efficiency.
- Transitioned from sequential API calls to an event-driven architecture using Kafka, reducing average response time by 60% and boosting conversion rates by 15%.
- Integrated Blackhawk Network services for real-time gift card generation and activation, ensuring fault-tolerant operations.
- Transformed a legacy application into a suite of cloud-hosted Microservices using Spring Boot, enabling better scalability and maintainability.
- Served as sprint captain, overseeing Scrum ceremonies such as Sprint Planning, Daily Standups, Retrospectives, and Demos.

Skills Used: PHP, Java, Spring Boot, Kubernetes, Kafka, JPA, Hibernate, PHPUnit, Redis, DataDog

03/26/2018 – 02/15/2019

SOFTWARE ENGINEER I, SYMPLICITY CORPORATION

3003 WASHINGTON BLVD SUITE 900, ARLINGTON, VA - 22201

- Developed an independent angular library for all common usage like form builder, validation, UI component and many others which reduced technical debt significantly for future.

- Responsible for brainstorming database design, implementation, and technologies with the team. · Working a mid-level position in the senior team(118) who is responsible for making product internationalization.

Skills used and learned: PHP, SLIM Framework, MySQL, Angular, GIT, HTML, CSS, SCSS, smarty.

28 AUG 2017 – 16 MARCH 2018

WEB SOFTWARE DEVELOPER, UNIVERSITY OF TEXAS AT DALLAS

800 W CAMPBELL RD, RICHARDSON, TX - 75080

- Responsible for introducing better developing processes in the team.
- Developing and modifying mobile and web applications for data analysis and data management.
Skills: PHP, Android, Laravel 5, ORM, JavaScript, AngularJS, HTML 5, CSS, Bootstrap, MySQL, Google Charts

14 MAY 2016 – 24 AUGUST 2016

PHP DEVELOPER INTERN, DYNAMIC MULTIMEDIA

1131 TOLLAND TURNPIKE, MANCHESTER, CT 06040

- Developed a customer payment system with Stripe, including subscriptions and auto-payments, while improving cross-browser and mobile compatibility.
- Optimized legacy code for better performance and reliability.
Technologies: PHP, Laravel 5, JavaScript, AngularJS, Stripe API

13 AUG 2013 – 13 SEPT 2015

SOFTWARE DEVELOPER, ABOVE IT

247, ABOVEIT, REGUS, TIME SQUARE, ANDHERI KURLA ROAD, MAROL, MUMBAI, MAHARASHTRA - 400059

- Developed enterprise resource planning Modules –
- Migrated database to support newer version of software.
- Designed and implemented auto report generation for Purchase, sales, stocks and accounting. Significant improvement in making business strategies in the company.
- Suggested and implemented database modifications to normalize tables. Result: Minimized redundancy by 20 %.
- Suggested manager to use PEP8 Python coding standard. Result: easy-to-maintain, improved time to review code.
- Trained new team members for adapting technology and the company's agile environment.
- Used JIRA for logging, reporting, reviewing, and analyzing defects.
- Awarded appraisal and bonus for Best Software Developer of the year.
Skills: Odoo/OpenERP, PHP, Python, JQuery, JavaScript

JAN 2011 – AUG 2013

FREELANCER “SELF-EMPLOYED”

AT HOME – MUMBAI, INDIA

- Played a key role in **UI design** for a sophisticated customized ERP web application development. Result: easier-to use product which required no training to End User. **PHP, CodeIgniter, MVC Model, JavaScript, jQuery, HTML, CSS, JSON, RESTful API.**
- Replaced customized library management software by presenting better software. Significant improvement in managing all tasks and saved time by offering better features and UI to the library.
- Designed, developed, and published an Android application to the Google Play store.
- Designed web applications and web content utilizing various W3C web standards and Search Engine Optimization (SEO).
- Improved PHP web application performance by improving code logic, changing queries. Speed up improved by 40% (did profiling).
- Managed a team of four developers and developed customized applications. Source control bitbucket, issue tracking product.

EDUCATION

FALL 2015 – MAY 2017

MASTER’S IN COMPUTER SCIENCE, UNIVERSITY OF TEXAS AT ARLINGTON

(Major in **Database** and **Software Engineering**). GPA: **3.75**

Recall Based Authentication: Implemented 4 authentication systems in **PHP/MySQL** and done User research studies on 25 users to verify effectiveness of each authenticating system.

JUNE 2009 – MAY 2013

BACHELOR OF COMPUTER ENGINEERING, MUMBAI UNIVERSITY

Implementation of visible & Invisible Digital Watermarking: Passing Hidden data in files via LAN, altering images bits to hide data which can be retrieved, Data is encrypted & will be decrypted while retrieving. **JAVA, bit manipulation, Image processing.**

SKILLS

- **Programming Languages:** Java, Python, PHP, JavaScript, SQL
- **Frameworks & Libraries:** React.js, CodeIgniter, Laravel, jQuery
- **Tools & Platforms:** Kafka, Elasticsearch, OpenAPI, Swagger, Redocly
- **Database Technologies:** MySQL, PostgreSQL, MongoDB
- **Other:** Event-Driven Architecture, Distributed Systems, RESTful APIs

ACTIVITIES

- Developed two large scale software projects for AKDN (private, non-denominational development agencies). o Provided training to several locations (10 out of 50) across India to explain how to use this software. · Won 1st Prize Toyota connected NLP challenge in HackDFW hackathon 2017 – NLP, AWS, Android, Python. · **Developed and Published** website www.filenotepad.com (**free service**) to help teams specially college groups to share their text, files or codes very quickly. **PHP, MySQL, JavaScript, jQuery.**
- **Developed and Publishing** social networking website for entrepreneur/ideator <http://folksideas.com/public>. It's still in the development phase but worth looking at. **Laravel 5, PHP, ORM, services, JavaScript, jQuery, MySQL · Inventory Management System.** Developing Database design, Sale Module, Purchase Module, Payment Transactions, Reports Using Graphical representation. **CodeIgniter, PHP, MySQL, HTML, CSS, jQuery, JavaScript.** · **Event Management System.** Managing and keeping track of events. It includes many customized features to match client requirements like uploading/download e-materials, Simple UI, role-based authentication. **CodeIgniter, PHP, JavaScript, HTML, CSS, JSON, jQuery, SQL Server 2008.**
- Have Participated as Delegate and presented a **paper** on Digital watermarking: Implementation of visible & Invisible Digital Watermarking. ([NCRENB 2013](#))