Shashank Tiple

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PROFILE

Experienced Software Engineer with expertise in developing responsive websites using React, Node.js, and Spring, complemented by AWS certification. Proficient in collaborating with design teams to implement intuitive and engaging web applications utilizing JavaScript, HTML5, and CSS. Demonstrated ability to enhance user engagement and interface aesthetics while leveraging cloud technologies for scalable solutions.

EDUCATION

DePaul University, Chicago, IL | *Master of Computer Science*   Aug 2021 - Nov 2023
Course Work: Web Applications, Applied Algorithms and Structure, Database Programming, Distributed Systems.   **GPA: 3.75/4**

Savitribai Phule Pune University, Maharashtra, India   Jun 2012 - May 2016
Bachelor of Engineering in Information Technology

SKILLS

- **Programming Languages:** Java, JavaScript (ES6), TypeScript, Python.
- **Technologies**: React, Tableau, NodeJS, Bootstrap, Sass, Git, jQuery, MySQL, NoSQL, PL/SQL, PostgreSQL, AWS, Power BI.
- **IDE:** IntelliJ IDEA, Visual Studio Code.
- **Version Control/Others:** GIT, Docker, Postman, Rest API, Document Object Model (DOM).
- **Other Skills:** JSON, Debugging, Integration and E2E testing, Software Development Life Cycle (SDLC), Agile Methodology.

WORK HISTORY

Radical Software
Software Engineer | India   Jan 2019 - Feb 2021

- Led the design and implementation of robust web applications, utilizing agile methodologies, and conducting thorough testing. Accomplished a reduction in bug count and delivered projects on time, achieving 100% on-time project completion.
- Orchestrated collaboration among a cross-functional team of 5-10 engineers to develop and deploy highly scalable and secure applications, resulting in a reduction in system downtime.
- Revamped data management protocols for software development projects by employing **PL/SQL**. This strategic change resulted in a notable improvement in database performance and efficiency, enhancing the integration and functionality of front-end systems.
- Employed **Java**, **HTML**, **CSS**, and **RESTful APIs**, in conjunction with the **Spring** framework, to advance application functionality resulting in a significant enhancement of the user experience.
- Achieved a rise in user satisfaction by collaborating with **UX/UI** designers to augment application interfaces.
- Improved project delivery speed significantly and boosted team productivity by executing agile methodologies.

Amura Marketing Technologies
Frontend Developer | India   Jun 2018 - Nov 2018

- As a frontend developer, designed and analyzed customized Customer Relationship Management (**CRM**) systems for a client using **JavaScript**, **HTML**, and **CSS** tailored to specific customer needs and requirements.
- Leveraged **Git** for version control to manage code changes, contributing to organized and efficient project development.
- Analyzed user requirements, driving the creation of comprehensive technical specifications and system designs resulting in a decrease in development time.
- Identified and executed the integration of new features and modules, resulting in an increase in software efficiency and a reduction in manual processes, saving the team hours per week.

PROJECTS

FARMHOUSE - E-commerce application: Spring Boot, PostgreSQL, React, Docker

- Developed secure e-commerce SPA with Spring Boot and PostgreSQL, integrating Spring Security and OAuth2. Implemented 15+ responsive React components with HTML5, Sass, TypeScript, and Figma, enhancing user engagement and streamlining design iterations.

BurgerBee | Amazon CloudWatch, Facebook Messenger App

- Developed and integrated an Amazon **Lex** chatbot with kommunicate.io and AWS **Lambda** on a simple webpage.

Portfolio Website

- Deployed a secure static portfolio website on AWS utilizing **Amazon S3** for hosting, **Route53** for domain management, AWS Certificate Manager for SSL/TLS encryption, and **CloudFront** for content delivery and caching.

CERTIFICATION

- AWS Certified Solutions Architect – Associate
- AWS Certified Developer – Associate
- AWS Certified Cloud Practitioner

INTERESTS

- Reading Books (Favorite Books: Atomic Habits, Max Out, Rich Dad Poor Dad, Relentless).
- Volunteer Work: Chicago Animal Care and Control (CACC), National Association of Asian American Professionals (NAAAP), LASSO Chicago, LCWW.