VELLIYANGIRI APPUSAMY

Software Developer

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LinkedIn - Leetcode

Highly motivated Software Developer with 4.6 years of experience in designing and developing web applications. Proven ability to prioritize and deliver high-quality software solutions within tight deadlines. Excellent problem-solving and communication skills. Dedicated team player committed to continuously expanding knowledge.

SKILLS

C, Java - Advanced,Data Structures and Algorithm,System Design,Problem Solving,Object Oriented Programming,React.JS,Spring Boot,Microservices,Web Development,Azure Active Directory.

EXPERIENCE

Member Technical Staff

Zoho Corporation Private Limited, Chennai, India   Dec 2021 - Present

- Experienced in full-stack web application development using Java, applying industry-standard design patterns for scalable and maintainable solutions.
- Using Java, developed user onboarding and offboarding operations (Create/Modify bulk users in AzureAD). Designed, developed, and released an Identity risk assessment feature by analyzing Azure Active Directory objects and Microsoft 365 services (EntraID, Exchange Online, Outlook, MSTeams,etc..).
- Owned and led the development of the Microsoft 365 module, collaborating with cross-functional teams to design, implement, and review features end-to-end.Designed the review system for M365 group membership and MS teams channel membership. Migrated all the Microsoft 365 power-shell based operations into Microsoft graph API's.
- Actively contributed to the internal security team, resolving over 30+ critical vulnerabilities and enhancing overall product security posture. Reported 20+ security vulnerabilities in internal Zoho applications, participated in the internal bug bounty program, and received a reward. Simulated 7+ real-world AD attack scenarios in a test environment; delivered actionable insights and mitigation strategies in team-wide knowledge-sharing sessions.
- Mentored and guided internal team members, sharing knowledge to enhance productivity and expertise. Experienced in handling customer issues and providing effective solutions.
- C, Java, Ember.Js, Apache Tomcat,PostGresSQL.

Software Development Engineer

Newgen Software Technologies Private Limited, Chennai, India   Jan 2020 - Dec 2021

- Using C, developed APIs for image file formats conversion. Used Tesseract and Leptonica libraries to extract text from images. Migrated Win32 libraries to native C, ensuring compatibility with Android applications.
- Designed and built a prototype NFT-based document signing and verification system to explore blockchain use cases in digital signatures. Successfully ported an Image-to-PDF conversion app to WebAssembly, reducing file processing time on web by 40% and enabling cross-platform compatibility.
- Successfully managed multiple product releases, ensuring timely delivery. Recognized with the High Five Award in an internal town hall event for outstanding contributions.
- C, Win32, React.JS, Web Assembly, Blockchain, NFT.

Project Trainee - Intern

Zoho Corporation Private Limited, Chennai, India   Aug 2019 - Oct 2019

- Designed and developed a web application to perform CRUD operations on the elastic search database.
- HTML, Java, ElasticSearch, Apache Tomcat.

EDUCATION

B.E Computer Science And Engineering, CGPA - 7.84

Kongu Engineering College, Erode, India   2016 - 2020

LANGUAGES   English and Tamil (Native)