SINDOOJAGAJAM

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SUMMARY

Software Engineer with 3 years of experience optimizing and enhancing APIs, and migrating systems using Node.js, React.js, and AWS. Proficient in backend and frontend technologies, with a proven track record of driving system efficiency and user satisfaction. Ready to contribute advanced skills in impactful projects.

EDUCATION

Cleveland State University, Cleveland - OH   GPA: 4.0/4.0

MS - Software Engineering   Aug 2023 - Present

Relevant Coursework: Software Engineering, Software Quality Assurance, Software metrics economics & management, Database, Android Sensor programming, Comparative programming Language, Computer Architecture, Architecture & operating system.

Sinhgad Institute of Technology, India   GPA: 3.05/4.0

BE - Information Technology   Aug 2015 - July 2019

SKILLS

- **Languages**: Node.js, ECMAScript 6, HTML5, CSS, Java, Python
- **Web Technologies**: JavaScript, TypeScript
- **Frameworks**: React.js, Angular, Next.js, Express.js, Nest.js
- **Web Services**: RESTful APIs
- **Databases**: MySQL, MongoDB
- **Cloud Platforms**: AWS (EC2, S3, Lambda)
- **Scripting Languages**: Shell Scripting
- **Operating Systems**: Windows, Linux
- **Testing Frameworks**: Jest, Jasmine, Mocha
- **Version Control**: Git, GitHub
- **Containers**: Docker
- **Deployment & CI/CD**: Jenkins, AWS CodePipeline
- **Office Suites**: Microsoft Office (Excel, Word, PowerPoint), Google Suite (Sheets, Docs, Slides, Drive)
- **IDEs**: Visual Studio Code, IntelliJ IDEA
- **Other Tools**: Postman, AWS CLI, Docker CLI

ACADEMIC EXPERIENCE

Cleveland State University, Cleveland - OH   Aug 2024 - Present

Graduate Teaching Assistant

Served as a TA for Comparative Programming Language and Introduction to Database Systems & Proc. Collaborated with instructors on grading, proctoring, and providing academic support. Enhanced the course curriculum by integrating industry-relevant projects and interactive labs, boosting student engagement and

satisfaction. Streamlined course operations by managing handouts, homework distribution, and fostering clear communication with students.

EXPERIENCE

Mphasis Limited   **Pune, India**
Software Engineer   Aug 2020 - Aug 2023

1. Private Wealth Management
   - Conducted an in-depth review of the existing .NET codebase to analyze its functionality, architecture, and dependencies, leveraging critical thinking and problem-solving skills.
   - Successfully mapped existing .NET APIs to equivalent endpoints in Nest.js, ensuring seamless data consistency and system compatibility across services.
   - Involved in the migration of authentication and authorization mechanisms, to enhance security and ensure secure user access to key endpoints.
2. PLP & Mortgage Tracker
   - Optimized and enhanced existing APIs by incorporating client feedback and requirements, driving improvements in system efficiency and user satisfaction.
   - Developed new API calls to support additional features, leveraging Node.js for streamlined backend processing.
3. Digital Account Application
   - Played an important role in developing a responsive UI with React.js, enhancing user interaction and performance.
   - Implemented RESTful APIs with Node.js and Express.js for smooth frontend-backend communication.
   - Coordinated design and implementation with clients and UX teams, delivering high-quality features and reusable components.

PERSONAL PROJECTS

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1. CriticsWorld   Aug 2023 - Dec 2023

   In the CriticsWorld project, I took a lead role in developing key frontend components and pages using React.js, HTML, and CSS, delivering a responsive user interface that significantly enhanced the user experience. Additionally, I contributed to backend API development with Node.js and Express.js, ensuring efficient data management and seamless integration between client-side and server-side functionalities.

2. Fundoo   Sept 2019 - Jan 2020

   Developed a feature-rich note-keeping application inspired by Google Keep's intuitive interface. Utilized React.js for the frontend and Node.js for the backend, focusing on performance optimization and smooth user interactions. Deployed backend services using AWS Lambda to ensure high scalability and reliability, while leveraging S3 for efficient storage of user-generated content. The same project was also implemented using Angular for the frontend, highlighting the ability to work across different frameworks while maintaining consistency in functionality and user experience.