Sivakumar M

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Objective

Results-driven Software Engineer with a proven track record of creating user-centric applications and a broad range of technical skills, eager to leverage expertise in software engineering, computer vision, and AI to drive technological advancements and deliver impactful software solutions.

Education

Bachelor of Commerce - Computer Application   Tamil Nadu, India

 Madurai Kamarajar College   2019 - 2022

TECHNICAL SKILLS

Programming and Development Languages: Javascript, Typescript, Python, Java, MongoDB, and Postqresql

Tools and Techniques: AWS, Docker, Graffana, Figma, IoT Development

Web Development Frameworks: Node.js ExpressJS, NestJS,

AREA OF INTEREST

Developing secure, scalable backend systems using OOP, databases & algorithms, with expertise in Docker deployments and achieving security certifications.

EXPERIENCE

BackEnd Developer   September 2022 – Current

AgamWorks Tech Solutions Private Limited   Tamil Nadu, India

- Developed and maintained scalable backend applications using Node.js and NestJS web frameworks, ensuring high performance and reliability.
- Implemented serverless architecture using AWS Lambda with Python, optimizing resource utilization and reducing operational costs.
- Utilized monitoring tools to track application performance, diagnose issues, and ensure seamless user experiences.

Software Engineer Intern   May 2022 – December 2022

Graspear Solutions Private Limited   Tamil Nadu, India

- Designed and developed responsive websites using HTML, CSS, and JavaScript, ensuring cross-browser compatibility and optimal performance..
- Customized and maintained WordPress themes and plugins to meet client requirements, enhancing website functionality and user experience.
- Collaborated with designers and backend developers to implement frontend designs, ensuring seamless integration and consistent user interfaces.

PROJECTS

Health Care System:

- Integrated a payment gateway using open APIs, ensuring secure and seamless transactions for users.
- Implemented monitoring tools to track application performance and diagnose issues, enhancing system reliability and user experience.
- Deployed application using CI/CD in GitLab, streamlining the development process and ensuring efficient delivery of features.
- Integrated socket.io for real-time communication, enhancing user engagement and interactivity.
- Implemented Role-Based Access Control (RBAC) for user authorization, ensuring data security and privacy
- Developed backend services using NestJS, ensuring scalability, maintainability, and adherence to best practices in backend development

Facility Management System

- Developed a facility management system using Node.js, focusing on best practices to ensure code quality and maintainability.
- Leveraged RESTful APIs and Web-sockets, optimizing operational efficiency and enhancing user experience.
- Developed a facility management system using Node.js, focusing on best practices to ensure code quality and maintainability.
- Collaborated with a multidisciplinary team to deliver user-friendly interfaces and meet evolving user requirements.
- Utilized agile methodologies to manage project timelines and deliver features incrementally.

Expense Monitor:

- Developed and maintained backend services for Expense Monitor using NestJS, ensuring scalability and performance.
- Integrated monitoring tools to track application performance, ensuring reliability and user satisfaction.
- Implemented features for monitoring day-to-day spending, providing users with insights into their expenses.

CERTIFICATIONS

- MongoDB Developer and Adminstrator
- NodeJS
- AWS Fundamentals
- Gitops

CO-CURRICULAR ACTIVITIES

- Volunteered with an education trust to guide future generations, providing mentorship and support in career choices.
- Contributed to tech-related projects or initiatives, applying newly acquired knowledge and skills.