

# AJITH P R

Full Stack Developer | React JS | Node.JS | AWS

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## Summary:

- Over 3+ years of experience in developing scalable applications using Node.js, Express.js and integrating with databases like MongoDB and MySQL. Proficient in leveraging AWS services such as Lambda, S3, EMR, and RDS to design and deploy secure, cost-effective, and high-performing cloud architectures.
- Experience in all phase of SDLC like Requirement Analysis, Implementation and Maintenance, and extensive experience with Agile and SCRUM.
- Skilled in integrating databases like MongoDB, MySQL, and PostgreSQL with Node.js applications.
- Strong understanding of Express.js for building robust server-side applications.
- Adept at implementing security best practices such as authentication, authorization, and data validation.
- Expertise in using Middleware in application to retrieve data from Back-End and to also perform RESTFUL services.
- Expertise in AWS services including Step function, EMR, S3, RDS, Lambda, CloudFormation, cloudwatch,.. etc.

## Employment

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- **Comptivia Technologies Pvt Ltd**
  - *Software Engineer | Jan 2023 – Present*
    - Designed, developed, and deployed scalable software solutions, ensuring high performance and reliability.
    - Implemented serverless solutions using **AWS Lambda** and orchestrated workflows with **AWS Step Functions** for automation and process scalability
    - Researched and integrated new technologies to enhance project outcomes and efficiency.
  - *Junior Software Engineer | Oct 2022 – Jan 2023*
    - Assisted in the development and testing of software applications to meet business requirements.
    - Learned and implemented industry best practices in software development and team collaboration.
  - *Software Engineer Trainee*
    - Gaining hands-on experience with coding, debugging, and implementing software solutions.
    - Collaborated with the team to learn industry standards and enhance technical skills in real-world projects.

## Professional Experience

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### Project: Ticket System Application

#### Responsibilities:

- Collaborating with UX/UI designers to ensure high standards of usability and accessibility.
- Utilizing Azure Boards for project tracking, task management, and sprint planning.
- Conducting performance tuning and optimization to meet high performance standards.
- Mentoring junior developers on Node.js best practices, API development, security, and AWS cloud services.
- Contributing to architectural decisions and ensuring that back-end systems align with business objectives and overall project architecture.

### Project: Financial Management Application

#### Responsibilities:

- Works on Agile (Scrum) Development Team to deliver regular updates to business team and project managers.
- Ensured state management and application performance through optimization techniques and best practices.
- Configured and managed AWS services including EC2, S3, Lambda, and CloudFront for optimal application performance.
- Work to transition of the application architecture from a monolithic to a microservices-based model.
- Identified and resolved API issues, ensuring a scalable and optimized application.
- Performed performance tuning and optimization to ensure high-speed application response and reliability.

### Project: CDAC Application

#### Responsibilities:

- Maintained, monitored, and developed the CDAC project for transferring claims data between AWS accounts to pass downstream systems, leveraging AWS services such as EventBridge, Step Functions, EMR (with Scala), S3, RDS, and CloudWatch to ensure efficient and reliable data flow. Contributed to both operational stability and ongoing development to enhance system performance and scalability.

## Technical Skills

- **Node.js & Backend Technologies:** Node.js, Express.js, RESTful APIs, Microservices, WebSockets, Socket.io, JWT Authentication, Asynchronous Programming, MongoDB, MySQL, PostgreSQL
- **AWS Services:** Amazon S3, Lambda, RDS, SQS, CloudFormation, Step Functions, EMR, CloudWatch, IAM, VPC, S3 Storage, Route 53, ...etc.
- **UI Web Technologies:** React JS, Next JS, Redux, HTML4/5, CSS3, JavaScript, JSON, Bootstrap, tailwind,
- **CI/ CD Tools:** Azure ADO, GitHub, GitLab & Fastlane
- **IDE, HTML Editor:** Visual Studio, Visual studio code, IntelliJ IDE, Eclipse.
- **Databases:** MONGO DB, PostgreSQL, Microsoft SQL Server
- **Version Control Systems:** Git
- **Package Managers:** npm, Yarn
- **API Integration:** RESTful APIs
- **Cloud Services and Tools:** AWS, Azure (Azure Functions, Azure Storage), Firebase
- **Collaboration Tools:** Microsoft Teams, Slack

## Education

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- **Diploma in Computer Engineering, CGPA — 7.9**
  - Kerala State Board of Technical Education
- **Plus two, Percentage— 70%**
  - Kerala Higher Secondary Examination Board