

# ARUNLAL A

## NODEJS BACKEND DEVELOPER

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### PROFESSIONAL SUMMARY

Results-driven Node.js Developer with 3+ years of experience building scalable and performant backend APIs and microservices. Proficient in JavaScript/TypeScript, Express.js, Nest.js, and LoopBack 4, with strong experience in MongoDB and Postgresql for efficient data indexing and real-time search. Skilled in database optimization, reducing query times by over 30% in high-load environments. Adept in Agile workflows, backend architecture, and cloud-native development on AWS and OCI. Passionate about clean code, system scalability, and cross-team collaboration.

### PROFESSIONAL EXPERIENCE

#### Software Developer, Max Stack Labs

July 2022 - Present

- Developed and maintained robust backend APIs using Node.js and LoopBack 4, handling 100K+ requests/day.
- Designed and implemented search indexing pipelines with MongoDB and PostgreSQL.
- Optimized queries and indexing strategies, improving read/write performance in production by 40%.
- Led API performance tuning initiatives using profiling tools and reduced response latency by over 30%.
- Collaborated with Frontend and DevOps teams to deliver scalable features in Agile sprints.
- Contributed to SSO integration, improving cross-platform accessibility.
- Integrated JWT-based Authentication and Authorization for securing user accounts.
- Integrated cron job for proper scheduling emails, Cleanup Jobs etc.
- Implemented Unit testing using jest.

#### NodeJs Intern, Rimit Payments

Aug 2021 - Feb 2022

- Assisted in building RESTful APIs and microservices using Node.js & Express.js.
- Developed authentication modules, implementing JWT & OAuth 2.0 for security.
- Optimized MongoDB queries, reducing database response time by 25%.

### TECHNICAL SKILLS

- Languages & Frameworks: JavaScript, TypeScript, Node.js, LoopBack 4, Express.js, Nest.js, Jest.js
- Databases: MongoDB, PostgreSQL, Redis
- DevOps & Cloud: Docker, Kubernetes, AWS(EC2, S3, Lambda), OCI
- Monitoring & Tools: Git, WebSocket, Socket.io, GenAI, Elastic Search

### EDUCATION

#### B.tech in Computer Science & Engineering

Aug 2018 - May 2022

Vidya Academy of Science & Technology Technical Campus

### CERTIFICATION

- AWS Certified DevOps Engineer - Professional(2025)
- Nodejs Development (Udemy)-2022
- Javascript Development (Udemy)-2022