

# Hariharan A

Backend Node.js Developer | Software Analyst  
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## Professional Summary

Results-driven Backend Developer with 3 years of experience in building scalable server-side applications. Proficient in JavaScript, Node.js, MERN stack, RESTful APIs, GraphQL, relational and NoSQL databases, and third-party API integrations. Skilled in backend optimization, caching, microservices, and authentication strategies.

## Technical Skills

Languages & Frameworks: JavaScript, Node.js, Express.js, Sails.js, React.js, Angular  
Databases: CouchDB, MongoDB, PostgreSQL, Oracle DB, Redis, MySQL  
Other: GraphQL, Sequelize ORM, REST API, JWT, OAuth2.0, Docker, Podman, Microservices, PM2, Websockets, Git, GitHub, GitLab, SonarLint, SonarQube  
Core Concepts: Data Structures & Algorithms, Design Patterns, Caching, Clustering, Multithreading

## Experience

Software Analyst | Chain-sys India Pvt Ltd, Madurai, Tamil Nadu | Feb 2022 – Present

- Built scalable data-fetching mechanism in CouchDB to handle millions of records efficiently.
- Integrated RazorPay, PayPal, and Stripe with JWT and OAuth2.0 authentication.
- Designed caching and rate limiting strategies with Redis to improve performance.
- Implemented PM2 cluster for microservices to enhance server efficiency.
- Optimized backend servers, improving response times by 30%.
- Collaborated with Angular and UI/UX teams, ensuring high-quality deliverables under Agile practices.

## Projects

SmartAppBuilder | Node.js, Sails.js, CouchDB, PostgreSQL, Redis, Angular  
Developed a low-code platform for customizable application creation using prebuilt templates and reusable components.

Data Loader / Data Pusher | Node.js, Express.js, PostgreSQL, Redis, JWT  
Created a system to load Excel/JSON data into applications and forward it to multiple destinations via webhooks.

## Education

Bachelor of Engineering (CSE) | AVS Engineering College | Aug 2018 – Jul 2022 | CGPA: 8.42