

HARSH

Backend Developer

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Summary

Backend Developer with 1+ years of experience in designing and developing scalable web applications using Node.js, Express.js, TypeScript, PHP (Laravel), MySQL, Sequelize ORM, Redis, and AWS. Experienced in building secure REST APIs, database design, authentication systems, cloud storage integration, and performance optimization. Passionate about writing clean, maintainable code and developing enterprise-level backend solutions.

Skills

Programming Languages: Node.js, TypeScript, JavaScript, PHP

Backend Frameworks: Express.js, Laravel

Databases: MySQL

Cloud & Dev Tools: AWS S3, CloudFront, Redis, Firebase Admin, Git, GitHub

Authentication & Security: JWT Authentication, Bcrypt, Joi Validation

Experience

Software Engineer (Backend Developer) SDE-1 **Omega Broadcast Pvt. Ltd.** **May 2025 – Present**

Technologies: Node.js, Express.js, TypeScript, MySQL, Sequelize ORM, Redis, AWS, Firebase, Laravel, Codelgniter

- Developed scalable REST APIs using Node.js, Express.js, TypeScript and Laravel.
- Designed modular backend architecture following clean coding practices.
- Built secure authentication and authorization using JWT and bcrypt.
- Designed and optimized MySQL database schemas using Sequelize ORM.
- Integrated Redis caching to improve API performance.
- Integrated AWS S3 and CloudFront for secure file storage and media delivery.
- Implemented Firebase notifications and real-time features.
- Collaborated with frontend developers to build enterprise applications.

Projects

Hospital Management System | *Node.js, Express.js, TypeScript, MySQL, Redis, AWS S3, CloudFront* **July 2026 – Present**

- Developed scalable backend APIs for hospital management modules.
- Built FAQs, Blogs, Careers, Galleries, Settings, Feedbacks, and Events modules.
- Integrated AWS S3 and CloudFront for secure media management.
- Maintained code quality using ESLint, Prettier, Husky, and TypeScript.

Finanace Management System | *Node.js, Express.js, TypeScript, MySQL, Redis, AWS S3, Firebase* **May 2026 – June 2026**

- Developed scalable REST APIs using Node.js and Express.js.
- Implemented JWT authentication, Helmet, bcrypt, and Joi validation.
- Integrated Firebase Admin SDK for notifications.

Awards & Certifications | *National Skill Qualification Framework*

- **NSQF Level 4 – Information Technology (IT)** *Government Model Sanskriti Senior Secondary School (GMSSS), HBSE.*
- **NSQF Level 3 – Information Technology (IT)** *Government Model Sanskriti Senior Secondary School (GMSSS), HBSE.*
- **NSQF Level 2 – Information Technology (IT)** *Government Model Sanskriti Senior Secondary School (GMSSS), HBSE.*
- **NSQF Level 1 – Information Technology (IT)** *Government Model Sanskriti Senior Secondary School (GMSSS), HBSE.*

Education

Bachelor of Vocation (Software Development) **Graduated: 2024**

SD College, Ambala Cantt (Affiliated : Kurukshetra University)