

AMIT KUMAR RAJ

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[GitHub](#)

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[Portfolio](#)

SUMMARY

Computer Science Engineering graduate and MERN Stack Developer with hands-on experience engineering full-stack web applications using React.js, Node.js, Express.js, and MongoDB. Built 3 full-stack projects spanning authentication, REST APIs, role-based dashboards, database-driven workflows, and SEO-friendly web development.

TECHNICAL SKILLS

Programming Languages: JavaScript, Java, C/C++, SQL, HTML5, CSS3

Frontend: React.js, Next.js, Tailwind CSS, Bootstrap

Backend: Node.js, Express.js, REST APIs

Database: MongoDB, SQL

Development Tools: Git, GitHub, VS Code, Postman

Web & SEO: SEO, Technical SEO, On-Page SEO, Local SEO, SEO-Friendly Web Development

Core Concepts: Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, Computer Networking, Software Engineering

EXPERIENCE

Trainee Engineer — ByteXL

Jun 2025 – Aug 2025

- Built a frontend web application using HTML, CSS, and JavaScript, applying component-based UI patterns
- Integrated reusable UI components to support consistent structure across the application
- Performed debugging and functional testing to identify and resolve frontend issues during development

PROJECTS

StudyNotion — E-Learning Platform

Jan 2025 – Aug 2025

MERN Stack (MongoDB, Express.js, React.js, Node.js), Tailwind CSS

- Developed a MERN-based e-learning platform supporting 2 primary user roles: instructors managing courses and students tracking learning progress
- Implemented Node.js and Express.js REST APIs for course and user-data management, backed by MongoDB schemas for course content and progress data
- Built React.js and Tailwind CSS interfaces for course management and progress-tracking workflows

KabadiKing — Online Scrap Selling Platform

Nov 2025 – Feb 2026

MERN Stack (MongoDB, Express.js, React.js/Next.js, Node.js), Tailwind CSS

- Engineered a MERN-based scrap marketplace supporting scrap-price discovery, nearby dealer lookup, and pickup-request workflows
- Implemented secure authentication and location-based service pages to structure user and regional data
- Created an administrative dashboard for managing scrap-rate data and platform records
- Integrated a React.js/Next.js and Tailwind CSS frontend with SEO-friendly markup and page structure, connected to a Node.js/Express.js backend and MongoDB database

Growavro — Digital Services Agency Platform

Feb 2026 – Jul 2026

MERN Stack (MongoDB, Express.js, React.js, Node.js), TypeScript, Tailwind CSS

- Architected a MERN-based digital services platform using TypeScript across the frontend for stronger type safety and code structure
- Configured role-based authentication with separate administrator and client dashboard experiences
- Built 4 core workflows — lead management, quotation requests, blog management, and service enquiries — covering website development, app development, SEO, automation, and maintenance service offerings
- Applied SEO-friendly development practices across React.js/TypeScript interfaces styled with Tailwind CSS, integrated with Node.js/Express.js and MongoDB

EDUCATION

Chandigarh University

Aug 2022 – Jun 2026

Bachelor of Engineering in Computer Science and Engineering — Punjab, India

CERTIFICATIONS

- Foundations of Cloud/IoT/Edge ML — NPTEL
- Cloud Computing — NPTEL
- Multi-Core Computer Architecture — NPTEL