Ayush Kumar

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SUMMARY

Computer Science graduate with hands-on experience in full-stack web development using the MERN stack. Built projects like a Car Showcase app with CRUD operations and JWT authentication, a URL shortener with click tracking, and an Email Campaign Scheduler. Skilled in building RESTful APIs, integrating third-party APIs, and deploying applications on AWS EC2.

WORK EXPERIENCE

Full Stack Development Intern
Digital Guru | Remote

- Developed and maintained web applications using modern full stack technologies.
- Implemented features for email warm-up automation using OpenAI GPT APIs and integrated third-party services.
- Designed backend workflows to enable/disable warmup, track delivery rates, and automate daily warmup sends for users.
- Gained hands-on experience with API integration, backend logic, and UI reference flows for real-world applications.

PROJECTS

Full Stack Car Listing App
Tech Stack: React.js, React Router DOM, Context API, Node.js, Express.js, MongoDB, Mongoose, JWT Authentication, Multer, REST APIs, Fetch API

- Developed a full-stack car showcase application enabling users to browse, add, edit, delete, and search car listings.
- Built with the MERN stack (MongoDB, Express.js, React.js, Node.js) ensuring efficient backend operations and a smooth frontend UI.
- Implemented JWT-based user authentication with secure cookies, protected routes, and role-based dashboard functionalities.
- Integrated image upload support using multer and dynamic car listing management with CRUD operations.
- GitHub: github.com/Ayush78588/car-showcase
- Live: car-showcase-gamma-three.vercel.app

Other Projects:

- **Email Campaign Scheduler:** Node.js app for scheduling emails to multiple recipients.
- **Shortly URL Shortener:** URL shortener with click tracking built using Node.js, Express.js, EJS, MongoDB, Mongoose.

EDUCATION

Bachelor of Technology (B.Tech) in Computer Science and Engineering
Techno India Salt Lake, Kolkata, India | 2020 – 2025
CGPA: 7.15 / 10

Intermediate (PCM)
K.S.R.I. College, Samastipur, Bihar | 2017 – 2019
Percentage: 75.8%

Matriculation
Central Public School, Samastipur, Bihar | 2016 – 2017
CGPA: 9.6 / 10

SKILLS

- React.js, HTML, Tailwind CSS, EJS, React Router DOM, JavaScript
- Node.js, Express.js, REST APIs, JWT Authentication, Nodemailer
- MVC Pattern, API Development, Modular Design, Context API
- API integration, CRUD Operations
- MongoDB, Mongoose, SQL
- MongoDB Schema Design & Mongoose Modeling
- Git, GitHub, Postman, VS Code, AWS EC2

CERTIFICATIONS

- Back End Development and APIs – freeCodeCamp
- JavaScript Algorithms and Data Structures – freeCodeCamp
- Build a Backend REST API with Node.js from Scratch – Udemy