# Ayush Kumar

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## Summary

Computer Science graduate with freelance experience in full-stack web development, delivering dynamic and scalable web solutions using Node.js, Express, MongoDB, and React. Strong problem-solving skills and a passion for building efficient backend systems. Proficient in building RESTful APIs, and deploying applications on AWS EC2.

## Projects

### Email Campaign Scheduler

*Tech Stack: Node.js, Express, MongoDB, Nodemailer, Express-Handlebars*
- Developed a backend email campaign scheduler to send emails to multiple recipients at scheduled times.
- Implemented tracking for each recipient (pending, sent, failed).
- Created a user-friendly frontend using Express-Handlebars.
- 🔗 Live Demo: email-campaign-scheduler-i2by.onrender.com
- 🔗 Code: GitHub Repo

### Shortly - URL Shortener

*Tech Stack: Node.js, Express, MongoDB, Mongoose*
- Built a service that converts long URLs into short slugs with redirection.
- Tracked click counts and timestamps on shortened URLs.
- 🔗 Live Demo: shortly-ll9e.onrender.com
- 🔗 Code: GitHub Repo

### FoodBridge

*Tech Stack: React.js, Tailwind CSS, Node.js, Express.js, MongoDB*
- Full-stack food donation platform connecting donors with NGOs.
- Implemented user auth, donation request flow, and real-time updates.
- 🔗 GitHub Frontend: FoodBridge-frontend
- 🔗 GitHub Backend: FoodBridge-backend

### Basic JavaScript Projects

*Tech Stack: HTML, CSS, JavaScript*
- Created multiple web utilities including Stopwatch, Temperature Converter, Image Slider, and Word/Character Counter.
- 🔗 Demos:
  Stopwatch, Temp Converter, Image Slider & Word/Character Counter

## Educational Background

### B.Tech in Computer Science & Engineering

Techno Main Salt Lake, Kolkata, West Bengal
- 2020 – 2025 | CGPA: 7.16

### 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

## Skills

### Technical Skills

- Programming Languages: JavaScript, C, Java
- Backend: Node.js, Express.js, MongoDB, Mongoose, JWT, Nodemailer, REST APIs
- Frontend: HTML, CSS, React, TailwindCSS, EJS
- Database: MongoDB, SQL
- Data Modeling: MongoDB Schema Design & Mongoose Modeling

### Tools/Sofware

- Git
- GitHub
- Postman
- VS Code,
- AWS EC2
- Joi

### Concepts

- Authentication & Authorization,
- MVC pattern
- API development
- Modular Design
- API Design

## Certifications

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

## Languages

- English (Fluent)
- Hindi (Native)