Priyanshu Raj Chauhan

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EDUCATION

Assam Down Town University — Guwahati, IN
B.Tech in Computer Science & Engineering (CGPA: 8.06) — *2021 – 2025*

CBSE 12th Grade
Percentage: 88.8% — *2021*

CBSE 10th Grade
Percentage: 86.4% — *2019*

TECHNICAL SKILLS

Languages: JavaScript, Java, Python
Backend: Node.js, Express.js, REST APIs, Postman, Firebase, JWT Auth
Databases: MongoDB, MySQL
Other: API Security, Error Handling, Input Validation

EXPERIENCE

Backend Developer Intern — Star Cement Ltd — Jul 2024 – Aug 2024
Node.js, Express.js, MySQL

− Built a Courier Management System using Node.js, Express.js, and MySQL; improved backend performance by optimizing SQL queries; implemented RBAC and REST APIs improving workflow efficiency by 10%; prepared technical architecture documentation for internal teams.

Cybersecurity Intern — Prodigy Infotech — Jan 2024 – Feb 2024
Python, Security Tools

− Built Python tools for password security and keylogger detection; developed a 3-DES image encryption pipeline for secure data transfer.

Teaching Assistant — Assam Down Town University — Nov 2024 – Feb 2025
Backend Development & Algorithms

− Mentored 200+ students in backend development concepts and problem-solving; guided students through lab sessions, project reviews, and algorithmic training.

PROJECTS

Discord Bot | *Node.js, discord.js, MongoDB*

− Built an automated Discord bot for moderation, role assignment, and notifications; integrated MongoDB for persistent storage of user data and configurations.

Forkful – AI Recipe & Nutrition Tracker | *MERN, Firebase, Gemini API*

− Developed an AI-powered recipe generator with personalized meal suggestions; integrated Firebase Authentication and Firestore for secure user data.

Women Safety SOS Application | *MERN, JWT*

− Created secure backend APIs for real-time SOS alerts; integrated GPS tracking and media upload support.

CERTIFICATIONS

Mathematics for Machine Learning: PCA – Imperial College London
Credential ID: ZB0735CFPF3M

Programming for Everybody (Getting Started with Python) – University of Michigan
Credential ID: J2F8D48NFFNK

ACHIEVEMENTS

AIR 16 — IIT Bombay National Entrepreneurship Challenge

Top 12 Finalist — IIT Kharagpur NSSC Paper Presentation

Technical Paper Presenter — IIT Delhi Tryst 2024

Pre-Incubated Startup Idea — Campus Ideathon