RAJ GUPTA B.Tech. (Information Technology)-2025

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📍 Uttar Pradesh, India 🌐 https://raj-gupta-portfolio.netlify.app ⚫ https://github.com/rajgupta2

ⓘ English and Hindi

Education

- **B.Tech. (Information Technology)**
  M.G.C.G.V Satna, (M.P.) | 2021-2025
  - **CGPA**: **7.66** (upto 7th semester)
  - Qualified **GATE 2024** with **92.82** percentile
- **Intermediate (12th grade)**
  Gyan Bharti Inter College | 2020-2021 | **82%**
- **High School (10th grade)**
  Gyan Bharti Inter College | 2018-2019 | **83%**

Technical Knowledge

- **Programming languages**: C++
- **Frontend**: HTML5, CSS3, JavaScript, jQuery, AJAX, Tailwind CSS, Bootstrap, React, and Next.js
- **Backend**: Node.js, Express.js, RESTful API
- **Database**: MySQL, MSSQL, MongoDB, MongoDB Atlas
- **AWS Cloud:** EC2, load balancer, AWS S3, Elastic Block Store, Amazon RDS, Amazon NoSQL, Route-53, Amazon EFS, VPC, Elastic Beanstalk, AWS Lambda, CloudWatch, Auto Scaling, SNS, AWS IAM, AWS Cost Management, Shield, AWS Networking.
- **DevOps:** Git, Maven, Tomcat, SonarQube Server, SonarQube Scanner, Sonatype Nexus, Jenkins, Terraform, Netlify
- **Core Concepts**: Data Structures & Algorithms, OOPS, DBMS, Computer Network

Internship

Intern at Edunet Foundation with collaboration of AICTE & EY GDS (10 February 2025 - 21 March 2025)

Worked on the **Zomato clone project** named Food Party, a web application designed to streamline food ordering and restaurant management with their menu.
Key Contributions:
- Developed backend api using Node JS,Express, and Mongo Atlas.
- Designed UI/UX with React JS,and Bootstrap.
- Integrated Frontend and Backend API.

Web Development Projects

- **Food Party** (https://github.com/rajgupta2/Food-Party)

  Project Description:
  - Developed a web application for food-ordering and restaurant management system, divided into two parts: **frontend and backend.**

  Technology Stacks: Frontend (React JS, Bootstrap, and CSS, and deployed on Netlify), and Backend (Node JS, Express JS and Mongo Atlas and deployed on Render.)

- **Engineer** (https://github.com/rajgupta2/Engineer)

  Project Description:
  - A user-friendly web app to access learning resources.

  Technology Stacks: Node JS, React JS, Next JS, Git, GitHub, and Tailwind CSS.

- **StudyStudent** (https://github.com/rajgupta2/StudyStudent)

  Project Description:
  - Build a platform enabling students to submit assignments and take quiz.

  Technology Stacks: Node JS, Express, EJS, Passport.js, MongoDB, Mongoose, Mongo Atlas, Git, GitHub, and Mongo Atlas, OAuth, Recaptcha API, Google sign-in button integration, Passport .

Cloud & Deployment Projects

- **Node.js web application deployment using AWS Elastic Beanstalk**
  Project Description:
  - Deployed a Node.js application on the AWS Elastic Beanstalk platform, enabling scalable and managed deployment with built-in monitoring and environment management.
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- **Next.js web application Deployment on Netlify**
  Project Description:
  - Deployed a Next.js application to the Netlify platform, taking advantage of its **CI/CD** pipeline and serverless architecture for fast and efficient deployments. .

- **AWS Load Balancer Implementation**
  Project Description:
  - Implemented an AWS load balancer to **distribute the incoming traffic** among the different EC2 instances.

- **AWS VPC Setup**
  Project Description:
  - Created a Virtual Private Cloud (VPC) in AWS to establish a secure, **isolated network for web applications, with custom subnets, security groups**, and network access control lists (NACLs) to protect resources.

Achievements & Certifications

- **GATE 2024 Percentile**: 92.82%
- AWS Knowledge: **Cloud Essential Badge** from **AWS Training & Certification.**
- AWS Cloud Practitioner Essentials Certification from **AWS Training & Certification.**
- **Software Engineer Intern** Skill Certificate from **HackerRank.**
- **Internship Certificate** from Edunet Foundation.
- **Full Stack Developer Trainee Certificate** from Kamadgiri Software Solution Pvt. Ltd.
- Awarded for the **best CV** at **Yaariyan** Techfest, held at IPST, MGCGV.