

NEERAJ KUMAR

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PROFESSIONAL SUMMARY

Full Stack Developer with hands-on experience building scalable web applications using React.js, Node.js, FastAPI, MongoDB, and PostgreSQL. Experienced through internships and real-world projects in developing REST APIs, authentication systems, cloud deployment, and AI-powered solutions. Passionate about building scalable software products and leveraging technology to solve real-world problems.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), Python, Java, SQL
Frontend: React.js, HTML5, CSS3, Tailwind CSS, Bootstrap, Responsive Web Design
Backend: Node.js, Express.js, FastAPI, REST APIs, Authentication & Authorization, JWT
Databases: MongoDB, PostgreSQL, MySQL
Cloud & Deployment: AWS, Vercel, Render, Netlify, GitHub Actions
Developer Tools: Git, GitHub, Postman, VS Code

EXPERIENCE

Software Development Intern — Prepitus

Aug 2025 – Oct 2025

- Developed scalable full-stack web applications using React.js, Node.js, Express.js, MongoDB, and AWS. Built RESTful APIs for admission prediction, SAT score analysis, and automated reporting workflows.
- Built automated email delivery systems that reduced manual report sharing efforts and improved workflow efficiency.
- Contributed to deployment, debugging, and scalability improvements for production-ready applications.

Software Development Intern — AI Brilliance

Sep 2023 – Dec 2024

- Developed and optimized SEO-friendly web pages, improving website visibility and search engine performance.
- Contributed to website maintenance, content management, and performance optimization initiatives.
- Collaborated with development and content teams to improve user engagement and digital presence.

PROJECTS

SwasthyaSeva – AI-Powered Healthcare Intelligence Platform

GitHub: github.com/Neerajkr2/SwasthyaSeva | Live Demo: swasthyaseva.vercel.app

Tech Stack: React.js, FastAPI, PostgreSQL, Python, Machine Learning, Optical Character Recognition (OCR)

- Engineered a full-stack healthcare platform delivering AI-driven healthcare insights and patient assistance.
- Integrated machine learning models for disease risk prediction and intelligent symptom analysis.
- Implemented OCR-based medical report interpretation to automate healthcare data extraction and processing.
- Developed disease prediction models trained on healthcare datasets, achieving 94% prediction accuracy.
- Designed scalable backend APIs and database architecture supporting real-time healthcare workflows.
- Integrated an AI-powered health assistant providing contextual healthcare guidance and recommendations.

College Chances Calculator

GitHub: github.com/Neerajkr2/college-chances-app | Live Demo: college-chances-app.vercel.app

Tech Stack: React.js, Node.js, Express.js, MongoDB

- Developed a full-stack admission prediction platform enabling students to evaluate college admission probabilities.
- Implemented multi-step workflows, college search, comparison features, and personalized admission analysis.
- Built RESTful APIs for recommendation generation and prediction workflows.
- Automated PDF report generation and email delivery for student counseling processes.

EDUCATION

National Institute of Advanced Manufacturing Technology (NIAMT), Ranchi

Bachelor of Technology (B.Tech) – Computer Engineering

2022 – 2026

ACHIEVEMENTS & CERTIFICATIONS

Achievements

- Ranked among the Top 65 teams out of 5,300+ participants in HackNITR 5.0.
- Winner of the Line Follower Bot and Runner-up in the Wild Race Competition at Jinks Pranav 2023.

Certifications

- Delta Batch – Full Stack Web Development (Apna College)
- Python Bootcamp Certification (Udemy)