RAHUL DAS

FULL STACK SOFTWARE DEVELOPER

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1. CAREER OBJECTIVE

My objective is to build a career as a full-stack developer where I can design secure, high-performance applications, explore new technologies, and contribute to impactful projects. I seek to take on challenges that enhance my problem-solving abilities and prepare me for leadership roles in the future.

2. TECHNICAL SKILLS

- Languages: Python, JavaScript, TypeScript
- Frontend: Next.js, React.js, React Native, Tailwind CSS, HTML, CSS
- Backend: Django, Django Rest Framework, Node.js, Express.js
- Databases: PostgreSQL, MongoDB, SQLite
- DevOps & Tools: Docker, Git, Web Servers (e.g., Nginx, Gunicorn, Traefik), WordPress
- Version Control: Git, GitHub

3. PROFESSIONAL EXPERIENCE

Grasp Gross | Full Stack Web Developer   **May 2023 - June 2024**

- Developed a dynamic web platform, handling both front-end and back-end with Next.js and Django to enhance user experience and data management.
- Collaborated with cross-functional teams, improving adaptability and translating complex requirements into practical solutions.
- Diagnosed and resolved critical issues, refining problem-solving skills, understanding of scalable architecture, and commitment to clean code.

4. ACADEMIC PROJECTS

CourseHunt | Course Selling Platform

- CourseHunt is a full-stack course marketplace enabling users to sell, buy, and study courses with secure authentication and seamless payments via Razorpay.
- Built with Next.js (frontend) and Django REST Framework (backend) for high performance, using PostgreSQL for data storage and Docker for scalability.
- Implemented custom authentication for user security and Shadcn UI for a clean, interactive interface, enhancing my expertise in secure transactions and scalable architectures.

Chess | Multiplayer Chess App

- Real-time Multiplayer Chess platform where users can join and play games with official rules, ensuring a smooth and interactive experience.
- Built with React.js (frontend), Node.js & WebSocket (backend), and Socket.io for real-time gameplay, using Chess.js for move validation.
- Leveraged Docker for deployment scalability, sharpening my skills in real-time communication, game logic implementation, and server optimization.

PPM | Python Project Manager

- PPM3 is a CLI tool for managing Python projects, allowing users to initialize projects, manage dependencies, and add custom scripts efficiently.
- Built with Python, leveraging CLI automation for seamless project setup and dependency management.
- Enhanced my expertise in automation, package management, and scripting, optimizing workflow efficiency for Python developers.

5. EDUCATION

Bachelor of Computer Applications | Brainware University   **2023 - 2026**

- I am currently pursuing Bachelor of Computer Applications (BCA), focusing on building a strong foundation in computer science and application development.
- Gaining expertise in data structures, algorithms, software development, and database management, strengthening my problem-solving and programming skills.
- Developing a deep understanding of web development, networking, and system design, equipping me with the technical foundation needed for a successful career in full-stack development.