Rishabh Mishra

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Aspiring Full Stack Developer with hands-on experience in software engineering, web development, automation, and cloud systems. Passionate about building scalable applications and solving real-world problems with clean, maintainable code. Seeking a full-time opportunity to contribute to impactful projects and grow as a software engineer.

Education

Amity University Noida

Bachelor of Computer Science and Engineering   2021 - 2025

Experience

Full Stack Developer   *Noida | 2024 – Present*
@JKC Softwares Pvt. Ltd.

- Spearheaded the creation of a scalable gaming platform, featuring a secure 5-tier access system, serving as the backend for live gameplay.

- Managed real-time gameplay for over 1,000 concurrent users, ensuring seamless performance and implementing encrypted transactions for secure experiences.

- Designed core game logic, including fair-reward algorithms, true randomization, and instant reward mechanisms, resulting in a 30% increase in payout accuracy.

- Oversaw the complete development lifecycle, resource planning, and risk management, maintaining 99.9% uptime for the platform.

Software Development Engineer – I   *Noida | 2023 – 2024*
@Webwise Media

- Engineered a real-time cryptocurrency exchange app using Python and React, ensuring secure and efficient transactions.

- Built a secure wallet system leveraging AES encryption, enhancing user data protection and integrity.

- Improved API efficiency and optimized frontend components, leading to a 20% increase in app performance.

- Architected and maintained RESTful APIs, ensuring robust and scalable communication between frontend and backend services.

Backend and Automation Engineer   *Noida | 2023 – 2024*
@Webwise Media

- Automated backend workflows using Python, RESTful APIs, APScheduler, and database pipelines, reducing manual workloads by 25%.

- Streamlined processes including data synchronization, automated notifications, and reporting, enhancing overall system reliability and operational efficiency.

Full Stack Intern   *Noida | 2024 – 2024*
@JKC Softwares Pvt. Ltd.

- Architected an ERP web application for inventory and distribution using the MERN stack with integrated real-time order tracking.

- Crafted a responsive UI for the IndiaBills platform, improving user experience and increasing navigation efficiency by 25%.

- Integrated backend services for real-time stock updates, boosting operational efficiency by 40% and minimizing manual errors.

Noida | 2023 – 2023

- Designed and deployed **"8BIT,"** a cloud-powered online code editor supporting real-time collaborative code execution.

- Engineered the system to achieve sub-0.1s compile speeds and a 70% boost in compiler performance using a dedicated cloud compute engine.

Certifications

- **AWS Academy Graduate – Cloud Foundations**   *Issued: November 2024*
  Gained foundational knowledge of AWS services, cloud architecture, billing, and security.
  Certificate   Digital Badge

- **AWS Academy Graduate – Cloud Security Foundations**   *Issued: May 2024*
  Acquired knowledge in AWS cloud security, including identity management, compliance, threat detection, and data protection.
  Certificate   Digital Badge

Projects

- **Ai Resume Analyzer**

  A React-based web app that uses the LLaMA 70B model to analyze resumes and provide tailored improvement suggestions. Integrated with Firebase for authentication and data storage.
  Live preview

- **EightBit Blog Site**

  Developed a dynamic blog platform using React and Firebase with real-time updates, secure authentication, and an intuitive dashboard for seamless content creation and user engagement.
  Live preview

- **Online Compiler**

  Developed a dynamic blog platform using React and Firebase with real-time updates, secure authentication, and an intuitive dashboard for seamless content creation and user engagement.
  Live preview

- **Crypto Exchange Wallet**
  Successfully developed a secure cryptocurrency exchange wallet using modern web technologies, implementing advanced encryption for protecting user data and private keys.

- **Loan App**
  Built a full-stack loan application using the MERN stack, enabling secure loan requests, investor funding, and robust admin controls for managing users, loans, and investments.

Skills

Technical Skills

Languages:
• Python • JavaScript (ES6+) • C++ • SQL • MongoDB

Frontend:
• React.js • Redux • HTML5 • CSS3 • Tailwind CSS

Backend:
• Node.js • Express • Django • Flask • RESTful API Development

Databases:
• MongoDB • PostgreSQL • Firebase

Tools & Technologies:
• Git • AWS (Core Services, Cloud Computing) • Azure • Client-side Caching
• Firebase • Power BI • Data Pipelines

Soft Skills:

• Strong collaboration and teamwork in agile environments

• Excellent verbal and written communication skills for technical and non-technical audiences

• Proficient in analytical thinking and complex problem-solving

• Adaptable and solution-oriented under pressure

• Proven ability to manage cross-functional tasks and contribute to project success