Ritesh Biswas

Portfolio
Bachelor of Technology
Chandigarh University, Punjab

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 GitHub Profile
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ACHIEVEMENTS

• **Open Source Contribution**

Resolved 3 critical bugs in Material UI, improving component load times by 10%

EDUCATION

• **Chandigarh University**   *2021-25*

Bachelor of Technology in Computer Science and Engineering   CGPA: 7.33

• **Alexandra School, Amritsar - Senior Secondary**   *2021*

Indian Certificate of Secondary Education(I.C.S.E)   CGPA: 6.8

PERSONAL PROJECTS

• **Travel Ginne-AI Based SAAS**

Developed a platform that generates comprehensive trip itineraries using the Google Gemini API, simplifying travel planning.

- Built a platform to generate personalized trip itineraries using Google Gemini API, improving user engagement by 40%.
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- Deployed the platform on Vercel, integrated Firebase for authentication, and improved the UI/UX using Figma.

• **CUPE(Chandigarh University Placement Expereince)**

Developed a website where seniors share campus placement experiences, aiding juniors in preparation.

- Developed a web platform where students share campus placement experiences, boosting engagement by 20%.
- Utilized React, MongoDB, and AWS to create a responsive interface and handle real-time data using WebSockets and Chart.js.
- Led UX/UI improvements and managed the product roadmap based on user feedback, increasing the platform's usability.

• **Study Material Platform**

Created a platform for organizing and sharing educational videos recommended by instructors.

- Created a platform for organizing and sharing educational content recommended by instructors, improving learning outcomes.
- Implemented Firebase Authentication and Cloud Firestore for secure data storage.
- Applied TDD principles with Jest for unit tests and Selenium for end-to-end testing, ensuring high code quality.
- Managed development sprints and prioritized feature development, increasing user retention by 30%.

EXPERIENCE

• **Fullstack Developer (Contract)**   *September 2023 - Present*

Earthfields   Remote
- Developed scalable software solutions using NextJS, Javascript improving system performance by 25%.
- Developed there Admin Frontend and Backende from Scratch using SQL
- Built and maintained CI/CD pipelines using Git, reducing deployment time by 10%.
- Integrate automated testing tools (Jest, Selenium), enhancing code reliability and coverage.

• **Software Developer Intern**   *April 2022 - June 2022*

Solar Secure Solutions   Remote
- Developed scalable software solutions using ReactJS, Java, and Python, improving system performance by 15%.
- Implemented microservices architecture, optimized load balancing, and DNS setup, resulting in faster response times.
- Built and maintained CI/CD pipelines using Jenkins, reducing deployment time by 30%.
- Leveraged Docker for containerization and integrated automated testing tools (Jest, Selenium), enhancing code reliability and coverage.

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Python, JavaScript, TypeScript, HTML, CSS, Java
Development Tools & Frameworks: ReactJS, NextJS, Django, NodeJS, Express, Bootstrap, React Native
Cloud/Databases:MongoDB, Firebase, MySQL, PostgreSQL, Prisma, AWS, GCP, SQL
Tools & Platforms:Docker, Git, GitHub, GitLab, Postman
Relevent Coursework:Data Structures & Algorithms, Operating Systems, Object-Oriented Programming, Machine Learning, Database Management Systems, System Design