

Ruidan (Meredith) Zhang

Full Stack Developer | Software Engineer

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EXPERIENCE

Software Development Engineering(SDE) Intern, Black Cow Tech Jun 2023 - Present

- Collaborate with the Engineering department to design and develop software solutions using Java and Spring Boot, enhancing the company's applications.
- Implement CI/CD practices to streamline software delivery processes, ensuring efficiency and automation.
- Utilize AWS EC2 to deploy and manage cloud-based applications, optimizing scalability and reliability.
- Contribute to software testing, identifying and resolving bugs to ensure high-quality code and optimal performance.

Video Editor, Jellysmack Jan 2022 - Sep 2022

- Successfully produced and edited engaging videos with 2M+ views on Facebook, Instagram, and TikTok.
- Consistently edited and delivered 3 to 4 high-quality videos per week, each ranging from 10 to 15 minutes in length.

PROJECTS

LinkedWith, Full Stack Developer - React | Node

[Live](#) | [GitHub Repo](#)

A LinkedIn clone website that provides a social media platform for professionals to connect and network.

- Created RESTful APIs and optimized database queries, leading to a 20% reduction in server response time.
- Configured cloud-based storage solutions using Amazon S3 to store and manage 500 GB of data securely, achieving high scalability and 99.99% availability.
- Leveraged React/Redux to conduct an intuitive navigation system, achieving a fast and responsive user experience, enhancing overall usability and user satisfaction.
- Applied agile methodologies for efficient project management, ensuring timely delivery of milestones and meeting project deadlines.

Kartsy, Full Stack Developer - React | Flask

[Live](#) | [GitHub Repo](#)

An Etsy clone website that presents an online marketplace for individuals to sell products.

- Collaborated with other developers to brainstorm ideas, troubleshoot issues, and deliver project milestones on time.
- Led the implementation of CRUD (Create, Read, Update, Delete) operations for comments feature, bringing out an user-friendly commenting system.
- Utilized Git for branching, merging, and conflict resolution to ensure seamless and efficient team collaboration.
- Performed continuous live site testing, identified and resolved 50+ issues in real-time, successfully gained a 40% increase in site performance, and delivered a smooth user experience for end users.

Homebnb, Full Stack Developer - React | Node

[Live](#) | [GitHub Repo](#)

An Airbnb clone website that allows hosts to list and rent out their properties to guests.

- Implemented authentication and authorization features with JSON Web Tokens (JWT), resulting in a 30% reduction in unauthorized access attempts while effectively protecting sensitive data.
- Decreased error rates by 60% by implementing error handling and monitoring tools.
- Maintained comprehensive technical docs, user guides, and code documentation for future updates.

TECHNICAL SKILLS

JavaScript, Java, Python, TypeScript, Spring Boot, CI/CD(Continuous Integration/Continuous Deployment), React.js, Redux, HTML, CSS, Node.js, Express.js, Flask, Bootstrap, SQL, SQLAlchemy, Amazon Web Services(AWS), Agile Project Management, Test-Driven Development (TDD)

EDUCATION

App Academy, Full Stack Development

Immersive software development course with focus on full stack web development

New York University, Bachelor of Fine Arts in Film and Television

Effectively completed the Introduction to Computer Science course (CS101 - Python)