

Jyotiraditya

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EDUCATION

New Jersey Institute of Technology, Ying Wu College of Computing, Newark, NJ

Master of Science in Software Engineering | Sep 2024 – Present

- Coursework: Software Testing & Quality Assurance, Software Production Design, Software Architecture, Internet and High-Layer Protocols.

Manipal Institute of Technology, Karnatka, India

Bachelor of Technology in Electrical & Electronics Engineering | Jul 2018 – Aug 2022

- Minor Specialization in Fundamentals of Computing

PROFESSIONAL EXPERIENCE

Falabella | Frontend Software Developer | June 2023 - Aug 2024

- Developed and enhanced self-checkout machine features, including bag addition, RUT search, and employee discounts using React.js.
- Monitored real-time production incidents and performed troubleshooting using remote desktop software.

Falabella | Software Developer in Testing | Aug 2022 - May 2023

- Automated functional, component, and end-to-end testing using Cypress framework for Tottus Peru & Sodimac Peru.
- Led deployment of 9+ stores, 70+ registers, ensuring smooth rollout and minimal downtime.
- Analyzed and optimized logs on GCP, improving user experience and performance monitoring.

Falabella | Software Development Intern | Jan 2022 - July 2024

- Built RESTful APIs using Node.js & PostgreSQL, enhancing system integrations for store applications.

PROJECTS

ToDo SaaS App

- Developed a full-stack task management system using Next.js, React, and TypeScript.
- Styled the UI using Tailwind CSS for modern and responsive design.
- Implemented Prisma ORM for efficient database management.
- Built backend APIs using Node.js, ensuring secure and scalable architecture.

Speech2Text

- Built using Vite, an optimized build tool for rapid development.
- Leveraged React to create an intuitive user interface.
- Designed with Tailwind CSS, ensuring a consistent, mobile-friendly UI.

Job Search App

- Designed and developed a dynamic job portal using Next.js, React, and TypeScript.
- Implemented Prisma ORM for database interactions.
- Ensured an optimized user experience with intuitive navigation and search functionalities.

TECHNICAL SKILLS

- Programming Languages: Java, JavaScript, TypeScript, SQL
- Frameworks & Libraries: React.js, Next.js, Node.js, Cypress
- Databases: PostgreSQL, Prisma ORM, DBMS
- Tools & Platforms: Google Cloud Platform (GCP), Jira, Git, CI/CD