

Ravi Kiran P

+91 97417 14963 | [LinkedIn](#) | ravikirancg123@gmail.com

Skills

JS, React, NodeJs, Express, Python, MySQL, PostgreSQL, Numpy, Pandas, AWS, FastApi, SQLAlchemy, MSExcel, Django, Web Development, Docker

Business experience

Python Developer | Data Engineer - Kreditbee, Bangalore, India

June'22 – Present

KreditBee is a FinTech platform which offers instant loans. It currently disburses \$185Mn per month.

- Designed and maintained a highly reliable data pipeline capable of extracting and storing data from diverse bank statement sources using Python. The pipeline ensured smooth data processing and reduced the risk of data loss or errors.
- Successfully migrated an EC2 based application to a more cost-effective and scalable Docker-based containerized lambda architecture, delivering a significant 40% reduction in expenses.
- Refactored a critical decision-making module to be highly modular and loosely coupled. This was done using Python and SQLAlchemy. The refactoring drastically reduced development overhead and made detecting errors easier on AWS Cloudwatch.
- Built an account aggregator system that streamlined user flow, significantly reducing friction and drop-offs, while enhancing user experience.
- Developed advanced risk models using new data sources to improve employment verification, resulting in a 25% reduction in fraudulent risks.
- Expertly maintained multiple modules with an average of over 10,000 daily executions, ensuring seamless and uninterrupted operation.
- Setup end to end testing mechanisms using Python scripting, VS Code and Pandas for testing millions of DB entries for A/B testing of refactored code.

Full Stack Engineer - GR Constructions, Bangalore, India

July'19 – May'22

Leading South Indian construction firm with expertise in building 30+ floor buildings and a revenue of \$2+ Mn

- Led the architecture and management of a comprehensive suite of cloud-based software, serving millions of monthly transactions, including inventory, document, quality, labor management systems, and analytics tools.
- Developed a powerful and intuitive frontend using React, delivering a seamless user experience.
- Utilized Node.js, Postgres, and Supabase to create a robust and reliable backend with RESTful API, enabling efficient data management and processing capabilities.
- Engineered automated procurement processes triggered by inventory thresholds, resulting in reduced restocking time and ensuring uninterrupted business operations.
- Designed and maintained a user management system with role-based access control, effectively managing access based on access control lists.
- Demonstrated successful leadership skills by effectively managing a team of 8 engineers, overseeing their day-to-day activities, and ensuring timely achievement of project milestones within budget constraints.

Total Environment, Bangalore, India

July'16 – July'19

Leading Architectural design and construction company with specialisation in high end residential projects and 650+ employees.

Senior Executive

- Optimised the CxO level report generation by automating redundant work and influencing multiple departments to adopt the new process; reduced processing time by 800% and errors by 400%.

Projects

- **Video Tube** – Developed a video tube web app with React frontend, Express-based Parse server backend and MongoDB. Integrated a scraper to gather new videos from client-requested sites. Implemented user management, watch history, and favourites features.
- **Google Sheets CMS Website**– Created a portfolio website using HTML and XHR, fetching project data from Google Sheets.
- **GMAT Cruncher** – Built a webapp that scraped a bunch of websites and populated questions in an easy to navigate format. It further started an automatic timer for each question and allowed user to submit responses to original site.
- **React Native Video Scroller** – Designed a React Native app allowing seamless scrolling and favouriting of videos.
- **VR Homes** – Architected a cloud-based VR solution for real-time rendering of houses and 3D models.

Education

B.E. in Civil Engineering | Dayananda Sagar College of Engineering | VTU, India

2012 – 2016

- **First Class** - Top 10% in a class of 240
- **Class Representative** - Collaborated with college management to manage over \$20k funds; Organised two-week survey camps for 240 students thought out program duration.
- **Techno Lead** - Established a crowd mgmt. system for annual college fest with a footfall of 2,500+ students.

Workplace Recognition

- Awarded the **Young Performer Award** for demonstrating excellent planning skills.
- Awarded the **Star Performer Award** for demonstrating exceptional efficiency.

Interests

- Passionate about 3D printing, creating functional and decorative models that can be brought to life through this innovative technology.
- Enthusiastically embrace emerging technologies like Virtual Reality (VR) and enjoy developing applications that push the boundaries of what is possible in these immersive environments.