Jival Jenson

⦿ Bangalore, Karnataka, India ✉ jival.json@gmail.com ▢ +91-8861499939 ▦ in/jival-jenson ⬗ jivaljenson.com

SUMMARY

With 4 years of experience as a Specialist Programmer, I've built everything from Spring Boot backends to production-ready ML systems. My passion for learning and quick adaptation has led me to master diverse technologies while solving real-world challenges. Currently focused on developing AI solutions, my technical expertise spans both modern and traditional programming languages, including Java, Go, Rust, and Python.

EDUCATION

Bachelors of Technology in Computer Science

CHRIST (Deemed to be University) · Bangalore, India · 2020 · 9.63

EXPERIENCE

Specialist Programmer

Infosys   **October 2020 – Present, Bangalore**

· Played a key role in enhancing the Apple Store App, contributing to several major feature releases including TodayAtApple, Compare Feature, and the Trade-In flow
· Leveraged deep understanding of the entire Apple ecosystem and expertise in server-side technologies to ensure scalability and resilience during critical events like iPhone pre-booking live sales, handling massive traffic in regions like the US
· Actively championed innovation by building AI automation POCs that significantly improved developer productivity and earned client appreciation

Software Intern

Cerner   **December 2019 – June 2020, Bangalore**

· Contributed to the development of tools used in hospital labs, including the integration of COVID-19 testing functionalities during the pandemic
· Worked on data transmission using messaging queues, ensuring seamless communication between hospital devices and Cerner's backend systems
· Developed and optimized lab tool interfaces, enhancing data accuracy and streamlining workflows for medical professionals

Machine Learning Intern

Maven AI   **May 2019 – June 2019, Remote**

· Developed an advanced automatic attendance system using FaceNet for facial recognition, implementing convolutional neural networks (CNNs) for high-accuracy real-time identity verification
· Engineered a basic alternative credit scoring model leveraging machine learning algorithms, incorporating non-traditional data sources to assess creditworthiness with improved accuracy and inclusivity

Software Intern

Mactus Automation   **October 2018 – October 2018, Bangalore**

· Developed predictive maintenance models for manufacturing machines using machine learning algorithms to analyze historical data and identify patterns indicative of potential failures
· Integrated real-time monitoring and predictive analytics to provide early warnings and actionable insights, reducing machine downtime and improving operational efficiency

Academic Intern

National University of Singapore   **June 2018 – July 2018, Singapore**

· Participated in an advanced internship program at the National University of Singapore (NUS), collaborating with Hewlett Packard on cutting-edge machine learning and deep learning projects
· Designed and implemented sophisticated machine learning models for predictive analytics, utilizing large-scale datasets to uncover actionable insights and drive innovation
· Leveraged state-of-the-art deep learning frameworks to develop high-performance algorithms, significantly enhancing data processing capabilities and accuracy in real-world applications

Software Intern

Wipro Ltd   **May 2018 – June 2018, Bangalore, India**

· Worked on revamping the website for a delivery company, enhancing user experience and functionality
· Developed and optimized web pages using Java JSPs and Servlets, improving site performance and responsiveness

SKILLS

Front End: Next.js, React.js, tailwind css, Shadcn

Back End: Python, Java, Spring Boot, Kotlin, Go

Artificial Intelligence: Python, Langchain, OpenAI, Tensorflow, OpenCV

PROJECTS

chiqo.in
chiqo.in
· Tried out quick commerce in fashion retail with 1-hour delivery promise.
· Built and scaled the platform to handle real-time inventory management across multiple physical outlets, dynamic delivery routing, and seamless payment processing.
· Had a small pilot run and successfully processed a few initial orders before shutting it down.

hireloom.ai
hireloom.ai
· Developed an enterprise-grade AI automation platform that helped businesses streamline operations through intelligent process automation.
· Leveraged LLMs for document processing, workflow automation, and predictive analytics. Served 5+ enterprise clients before strategic closure.

metrik.in
metrik.in
· Built an AI-powered research assistant specifically designed for management consultants.
· Features include automated report generation, competitive analysis, and market trend identification using advanced LLM agents.
· Built out a private beta with a few consultants.

Delivery Drone
· A smart autonomous drone that can be used for quick commerce delivery
· Built both the hardware and the software part of the drone by enabling autonomous flight using ArduPilot

SecBot
· An office assistant bot using SLAM (Simultaneous Localization and Mapping)

Ichigo
· An IoT based agricultural bot that uses image processing to detect diseased plants by going around and surveying the field