SHUBHAM S KAWALIKAI

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EDUCATION

SJB Institute of Technology — Bengaluru, India
Bachelor of Engineering in Computer Science and Engineering; CGPA: 8.77/10.0 — *Aug 2019 – May 2023*

WORK EXPERIENCE

Techcanopy Software Labs — Bengaluru, India
Software Engineer — *June 2023 - Present*

- Developed a Multi-User WiFi Management System using Symfony, HTML, JavaScript, MySQL, and SOAP APIs, handling WiFi allocation, plan management, and user accounts.
- Optimized an EdTech admin app by redesigning SQL queries and implementing job-based processing for large datasets, improving performance.
- Designed resume generation and document-sharing features for an EdTech client app, integrating privacy controls and automated PDF generation.
- Built backend services with Node.js and Puppeteer for data fetching, email workflows, and generating downloadable PDFs.
- Collaborated across teams to ensure seamless user experience and system functionality in both projects.
- Proof of Concepts (POCs): Developed custom Shopify apps and APIs using FastAPI

Techcanopy Software Labs — Bengaluru, India
Software Intern — *Feb 2023 - May 2023*

- Developed a recruitment application with User and Partner login modules for candidate applications and profile submissions.
- Automated email notifications for candidates and talent partners.
- Enabled recruitment teams to review and filter profiles, improving organization and collaboration with external partners.

Zeliot — Bengaluru, India
Software Intern — *November 2022 - December 2022*

- Built a complete LMS website using React JS.
- Educators upload courses; students enroll and access them.
- Integrated Clerk for user authentication (Sign-In, Sign-Up, Profile).
- Enhanced React skills and hands-on experience with authentication tools.

PROJECTS

- **Person Re-Identification Using Deep Learning - Capstone Project** : Developed a PyTorch-based person re-identification model using ResNet34, SGD, and triplet margin loss, achieving 12.73% mAP on Market-1501 and enhancing feature-based matching techniques.
- **Apartment Management System - DBMS mini project** : Developed a secure, user-friendly apartment management system with admin and tenant logins, enabling rent tracking, maintenance requests, service payments, and centralized database management for efficient operations.

COURSES & CERTIFICATIONS

- **Programming, Data Structures and Algorithms Using Python at NPTEL** : Sep 2020 - Nov 2020
- **Enhancing Soft Skills and Personality at NPTEL** : Feb 2020 - Apr 2020

PROGRAMMING SKILLS

- **Languages**: JavaScript, PHP, SQL, Python
- **Frameworks & Libraries**: React, React Native, Symfony, Node.js, Puppeteer
- **Tools**: Postman, MySQL Workbench, DBeaver
- **Cloud & DevOps**: AWS, Docker, Git , GitHub