Suman Shah

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WORK EXPERIENCE

Foresight Analytics   **March. 2025 – Present**
Systems Engineer & Web Developer,
BellaVista, Sydney, NSW
Foresight Analytics, a Leading Australian investment analytics firm specialising in data-driven insights and risk intelligence for the property and investment sectors, operating YieldReport.com.au and Foresight F360 research platforms.

- Managed IT security and systems infrastructure for 15-20 Onshore & Remote employees, overseeing Microsoft 365, Intune, and Defender implementations.
- Developed Python automation solutions, reducing data collection from 1-2 days to 5 minutes, including a bank term deposit rates system covering 45+ Australian financial institutions.
- Delivered technical solutions and feature development for YieldReport.com.au and Foresight F360 platforms, supporting both internal teams and external clients.
- Architected and deployed an Azure-based advertising platform on dedicated VM infrastructure, creating a custom banner management system similar to Google Ads to generate new revenue streams for YieldReport through client advertising placements.

Mama Enterprises   **Feb. 2021 – Jan2022**
It Customer Support   *Kathmandu, NP*
Managed customer issues and technical troubleshooting operations using Zendesk ticketing system, ensuring timely resolution of support requests while maintaining high customer satisfaction levels through efficient issue management and comprehensive technical reporting.

Projects

TfNSW Assistant - Real-Time Public Transport Journey Planner
Personal Project | Next.js, TypeScript, PWA

- Built a comprehensive real-time public transport journey planner for Sydney using TfNSW Open Data API, providing live train schedules and platform information for 200+ stations
- Developed mobile-first Progressive Web App (PWA) with Next.js and TypeScript, featuring offline support, service worker implementation, and responsive design optimized for commuters
- Integrated multiple APIs including TfNSW transport data, OpenAI for AI-powered features, and Telegram Bot for multi-platform accessibility, deployed on Vercel with automated CI/CD pipeline

Library Management System - Crown Institute of Higher Education
University Project | HTML, CSS, JavaScript, Bootstrap

- Developed a comprehensive web-based Library Management System featuring admin dashboard with real-time statistics, complete CRUD operations for book/author/publisher management, secure user authentication, and responsive design using Bootstrap 5 framework for seamless cross-device functionality.

Education

Crown Institute of Higher Education   **July 2022- Aug 2025**
Bachelor of Information Technology,   *Sydney, Australia.*
Gaining expertise in IT Problem Solving, Mobile Development Fundamentals, Networking and Security, Game Development Fundamentals, Systems Modelling, and Data Modelling is crucial in the field of Information Technology.

SKILLS

Microsoft 365, Azure Active Directory, MS Intune & Defender, Python, Web Scraping & Automation, Azure Cloud Platform, VM Deployment, WordPress, JavaScript, PHP, Next.js, TypeScript, HTML/CSS, Bootstrap, API Integration, Progressive Web Apps (PWA), SQL, Zendesk