Abhijeet Singh

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Professional Summary

Versatile Software Engineer with hands-on experience in Python, JavaScript, Java, PHP, and C++. Skilled in full-stack development using React, Flask, Django, and Node.js, with strong knowledge of REST APIs, database management (SQL & NoSQL), and responsive web design. Experienced in software architecture, OOP, microservices, and design patterns, with expertise in testing, debugging, and deploying applications using Docker, Kubernetes, and CI/CD pipelines. Effective collaborator in Agile teams using Git, JIRA, and Confluence.

Skills

Programming & Tools: Python, JavaScript, PHP, Java, C++, HTML5, CSS3, React, Flask, Django, FastAPI, Node.js, REST API design, Power Apps, Microsoft Office

Databases: SQL (PostgreSQL, MySQL, SQLite), NoSQL (MongoDB)

Testing: Unit testing (Pytest, Jest), integration testing, debugging tools

Cloud & DevOps: AWS, Docker, Microsoft Azure, Docker, Kubernetes, CI/CD pipelines, GitHub Actions

Others: OOP, MVC, microservices, design patterns, JIRA, Trello, Agile & Scrum methodologies, Git, Confluence, SharePoint, UML/Lucidchart diagrams

Education

Murdoch University , in Bachelor of Information Technology – Murdoch, WA   Feb 2022 – July 2025

Capstone Project

- Collaborated with the Campus Technology team in an Agile environment to design and deliver a centralized Software Request System, replacing ~500 IT emails (twice-yearly to all unit coordinators) with an automated process
- Led technical integration across 3 disparate data sources and built a unified data model, creating a new database on SharePoint and Power Platform to ensure accurate and consistent information flow.
- Developed a Power Apps form with real-time validation, improving request accuracy and eliminating duplicate or incomplete submissions by 100%.
- Created an interactive Power BI dashboard for request tracking, trend analysis, and procurement prioritization, reducing IT workload by ~40+ hours per semester and helping reduce licensing costs.
- Utilized Excel, Power Query, and Power FX for data cleaning, transformation, and process automation.

Experience

IT Student Helpdesk, Murdoch University – Murdoch, WA   Feb 2024 – July 2024

- Resolved 10+ dail IT support tickets by assisting students both in-person and via Microsoft Teams, reducing wait time by 25%
- Engaged with peers to troubleshoot software, hardware, and network issues, building strong interpersonal and problem-solving skills.
- Created a knowledge base of ticket solutions, improving issue resolution time and rates by 10% and enabling quicker onboarding for new support staff.
- Implemented ticket analysis to identify peak periods, aiding in resource allocation amd improving resolution times by 10%.

Store Manager, Domino's – Perth, WA   May 2022 – present

- Promoted from Crew Member to Store Manager within 6 months for high performance and leadership.
- Led a team of 15, optimizing staff scheduling and inventory to increase monthly sales by 18%.
- Achieved 90%+ on-time delivery rate and the top customer satisfaction score among all Perth locations.
- Implemented team development strategies that reduced turnover and improved service consistency.
- Collaborated with fellow managers and cross-functional teams to share best practices, improve workflows, and strengthen communication across stores, fostering a culture of teamwork and collective problem-solving.

Projects

E-Sports Stats App | React, JavaScript, HTML, CSS, Python, Airflow, SQL
- Designed and developed a full-stack esports analytics platform using React, JavaScript, HTML, CSS, and Python.
- Built automated ETL pipelines with Airflow and BeautifulSoup, Seletolax to scrape, transform, and store 15 years of historical stats into PostgreSQL (AWS Aurora).
- Dockerized the data pipelines and APIs for portable, scalable deployment.
- Implemented secure RESTful API endpoints for data serving and user interaction.
- Delivered searchable, interactive visualizations allowing analysts and fans to compare player and team performance across regions, tournaments, and roles.

Emotion Detection System | Pandas, NumPy, OpenCV, MySQL, Pillow, CustomTkinter
- Engineered an AI-powered application to assist carers and educators in monitoring children with disabilities through real-time facial emotion recognition.
- Implemented image detection with OpenCV (Haar Cascade), preprocessing with Pandas/NumPy, and image handling with Pillow.
- Built a secure desktop interface in CustomTkinter, with role-based authentication and automated logging using MySQL.
- Achieved 95% detection accuracy with under 100ms frame processing time, reducing manual observation efforts by 30%.
- Enabled historical trend tracking through automated data logging, supporting timely interventions.

Interactive Data visualization system | Python, Plotly, Streamlit, Pandas
- Designed an interactive employment analytics dashboard to visualize labour force trends across Australia.
- Processed and cleaned multi-decade datasets using Python (Pandas, NumPy), and transformed for analysis with ETL pipelines.
- Built dynamic and interactive visualizations with Plotly Express (line charts, choropleths, regional comparisons, anomaly detection).
- Deployed the dashboard via Streamlit, providing students and lecturers with accessible tools to explore economic and policy impacts.
- Used Git and GitHub for version control and collaborative development during deployment.