Kanwar Pal Singh

Full-stack engineer · Hyderabad, India

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I build configurable platforms with C#/.NET and React. I work on the systems that make software easier to change: modular architecture, the APIs that connect it, and reusable interface components.

EXPERIENCE

Software Engineer, Wipro Limited · Wipro Digital and Cloud — April 2021 - present

- Built REST APIs in C#/.NET on the core platform, using SOLID principles and design patterns, to support customer integrations.
- Worked on a modular monolith in which modules can be enabled or disabled dynamically, with C# services that fetch runtime configuration.
- Built reusable React and TypeScript components, including collapsible task sections and dynamic reports.
- Designed a shared time-zone utility that resolved inconsistencies between the front end and back end.
- Containerized a Word-to-PDF conversion service with Docker for reuse across application services.
- Worked with the architecture team on a custom JavaScript modularization framework for navigation in an MVC application.
- Owned the Git branching strategy, conducted code reviews, and mentored and onboarded two developers.

Software Engineer Intern (C# Developer), Wipro Limited — September 2020 - April 2021

PROJECTS

JobFit Audit · React, Python / FastAPI, Docker, Azure Container Apps · jobfit.kanwarpalsingh.com
Built a rule-based scorer that weighs signals of stale or phantom postings and reports a ghost-job risk for a job link. Produces side-by-side, Git-style diffs that adapt a résumé's existing bullet points to a role's keywords instead of generating new claims.

ReceiptToSheet · React, ASP.NET Core, Docker, Azure Container Apps · receipts.kanwarpalsingh.com
Accepts a batch of receipt photos and PDFs and extracts structured fields from each through an ASP.NET Core API. Detects exact duplicate files by hash and marks blurry or low-confidence reads for review instead of passing them through silently.

SKILLS

Languages	C#, TypeScript, JavaScript, Python
Backend	.NET, ASP.NET Core, Web API, REST APIs, MVC, Spring MVC
Frontend	React, React Hooks, Redux, Reusable components
Architecture and practice	Modular monolith architecture, .NET design patterns, SOLID principles, Object-oriented programming, Low- and high-level design, Data structures and algorithms, Code reviews, Git branching strategy
Cloud and DevOps	Microsoft Azure, AWS, Docker, Jenkins, Git, GitHub, GitHub Copilot, Linux
Security and authentication	OAuth 2.0, JWT, Keycloak
Databases	Relational databases (RDBMS), SQL, PL/SQL
Also works with	Java, Swift

EDUCATION

Bachelor of Engineering in Computer Science
Punjabi University, Patiala · 2016 – 2020

CERTIFICATION AND RECOGNITION

AWS Certified Cloud Practitioner · March 2024
Milestone Badge for delivering multiple application functionalities
Award of Recognition from the leadership team