

Kshitij Singh

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EDUCATION

Chandigarh University

Bachelor of Engineering

Mohali, Punjab

June 2019 – May 2023

Children's Academy

HSC

Ghaziabad, UP

May 2017 – May 2018

EXPERIENCE

Associate Software Engineer

Accenture

Feb 2024 – Present

Hyderabad, Telangana

- Developed features for both frontend and backend using .NET technologies, working with Angular and C# to deliver scalable solutions.
- Worked with both SQL (using PL/SQL scripts) and NoSQL databases, including Azure Cosmos DB, for efficient data storage and management.
- Built and integrated APIs, leveraging Azure Data Factory and Azure Synapse Analytics to streamline data pipelines and enable advanced data analytics across systems.
- Utilized Azure DevOps for source control, CI/CD pipelines, and automated deployment processes to improve development efficiency and ensure seamless delivery.
- Developed APIs and managed caching using Redis to optimize API performance and reduce latency.
- Collaborated closely with cross-functional teams, maintaining consistent data flow across multiple services and applications.

Intern

Salesforce

April 2022 – June 2022

Remote

- Created organizational setups and automated processes for effective workflow.
- Conducted testing and debugging to ensure optimal system performance and reliability.
- Demonstrated expertise in Lightning Web Components and APEX development.
- Streamlined processes and optimized code to enhance system performance and reduce loading times.
- Developed and implemented security protocols to protect sensitive data and ensure compliance with industry standards.

Intern

Highradius

Jan 2022 – April 2022

Remote

- Developed a B2B fintech solution.
- Conducted data cleaning to ensure high-quality data for analysis.
- Integrated backend with frontend to create a seamless user experience.
- Created a custom prediction model for accurate forecasting based on cleaned data.
- Developed the frontend using ReactJS to provide a modern and responsive interface.
- Utilized Java servlets, Apache server, and MySQL for backend development.

PROJECTS

React Native App | *React Native, Redux, REST APIs*

June 2023 – Present

- Collaborating on a cutting-edge mobile app that revolutionizes how students access academic help.
- Designing intuitive interfaces for students to request assistance and for providers to offer services.
- Leveraging Redux for streamlined state management and RESTful APIs for real-time updates.
- Currently in development with plans to launch on Android and iOS.

AI-Enabled Snake Game Agent | *Python, ML, RNN*

July 2021 – September 2021

- Developed an AI-driven Snake game using Python and the Pygame framework.
- Trained an AI agent with reinforcement learning to optimize gameplay through iterative improvement.
- Implemented an RNN to incorporate decision memory for enhanced strategic planning.

TECHNICAL SKILLS

Languages: C#, Python, C++, SQL, JavaScript

Frameworks: ASP .NET Core, ASP .NET MVC, AngularJS, ReactJS, Entity Framework

Developer Tools: Git, Linux, Docker, Azure, Azure CLI, Azure DevOps, Visual Studio, VS Code, SSMS, CoPilot

Databases & Cloud Services: Azure Cosmos DB, Azure Data Factory, Azure Synapse Analytics, Redis, SQL Server