**PURU SINGH**

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**EDUCATION**

B.S. Computer Science – Arizona State University, Tempe (Expected Fall 2028)  
GPA: 3.2 | Dean’s List – Fall 2024

**TECHNICAL SKILLS**

* Languages: Python, Java, JavaScript (Node.js, React, Express), HTML/CSS, MySQL
* Frameworks/Tools: FastAPI, ChromaDB, Firebase, AWS (EC2, S3), Docker, Git, Material UI
* Specialized: AI Integration, RAG Architecture, REST API, JWT Auth, RBAC, Prompt Engineering

**PROJECTS** (*May’2025 till Aug’2025)*

* **Agentic Food**

This is a Web based AI powered application responsible for creating structured information based on the application context which can be conveniently consumed by any AI based tool and framework to generate all the SDLC artifacts to automate an agentic SDLC.  
*Tools - React Js, React Flow, Express, MySql, Cursor*

* **Agentic Book**

This is a Web based AI powered application which generates persona-based content for books allowing the user to view the content which is best suited for his persona.  
*Tools - React Js, Open AI, Express, MySql, Cursor*

* **Agentic AI Dashboard for Hospitality**  
  This is a Web based AI powered application for the Management of Hotel Management like General Manager, Owners, Marketing Head, Director of Operations etc. to view AI powered Analytic dashboard to view current and future based trends to take dynamic decisions.  
  *Tools - React Js, Open AI, Express, MySql, Cursor*

**CERTIFICATIONS**

* Programming with JavaScript – Meta (Coursera,2024)
* Website Development Internship – Lunablaze (2023)
* Full Stack Development & AI App Development – WhiteHatJr (2022)
* Game Development Certification – WhiteHatJr (2022)
* App Development Certification – WhiteHatJr (2022)
* IQube Distinction – All India Rank 213 (2016-17)