




SIDDHANT PORWAL

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EDUCATION

University of Southern California

August 2025

Master of Science in Computer Science (GPA: 4.0)

- **Courses:** Analysis of Algorithms, Database Systems, Web Technologies, Advanced Gaming

Vishwakarma Institute of Information Technology

May 2022

Bachelor of Technology in Computer Science (GPA: 8.84)

- **Courses:** Advanced Machine Learning, Database Systems, Operating Systems, Computer Architecture, Deep Learning, Fundamentals of Quantum Computing, Artificial Intelligence (AI), Data Science

WORK EXPERIENCE

Sol Price Business School

Oct 2023 - Present

Student Worker

- Tech Used - Excel, Sheets, Concur, Workday, Box, Docusign, etc
- Worked on Grant Reports, Gift Deeds, Journal Lines, etc.
- Drafted and Proofread Agreements, Purchase Orders, Supplier Memos.
- Worked on Data entry.

iTechSeed Growth Ventures Pvt. Ltd. || M-E-R-N Stack

Jan 2022 - Jul 2022

Full Stack Developer Intern

- Developed an e-Audit System for the company.
- Initially, Created dynamic web pages with HTML, CSS, React, Query, AJAX, and Bootstrap
- Developed and maintained front-end web applications using HTML, CSS, JavaScript, React, Redux
- Conducted comprehensive testing and validation of webpages to identify and rectify bugs and security vulnerabilities.

Pune Management Association || M-E-R-N Stack

Jun 2020 - Dec 2020

Back End Developer Intern

- Optimized database queries for improved performance through indexing techniques and query refactoring
- Optimized existing code by writing efficient Transact-SQL statements.
- Developed reports on project status, cost estimates, resource allocation, timelines for senior management review.
- Facilitated daily scrums, sprint planning, sprint retrospectives, and sprint reviews for my team.

PROJECTS

1. Ebay Business Search

Developed an eBay Business Search website utilizing React and hosted on the cloud using Google Cloud Platform (GCP). Leveraged the MERN Stack to interface with the eBay API, enabling dynamic retrieval of product results based on user-entered search queries. Implemented MongoDB to store wishlist cart items, ensuring seamless user experience across sessions. Enhanced user interaction by enabling detailed product views upon clicking individual item cards, displaying comprehensive product details and specifications. Backend development was executed on GCP utilizing Node.js for optimal performance and scalability.

2. Book Summary Generator

Worked on LLM's and Neural Networks to develop a Summarizer that generates Summaries for any given Book, supports upto 1000 pages.

3. "AUDITPLUS" - An e-Auditing Platform

Managed a multi-sector audit platform which evaluates ISO standard compliance. Responsibilities included overseeing audits, assessing adherence, generating ratings, producing reports, and managing data and user access.

SKILLS

Software Tools: GitHub, Jira, Asana, Linux, Atom, etc.

Languages: Java, Python, C/C++, HTML/CSS, JavaScript, TypeScript, SQL, NASM, Sketch, Linux

Operating Systems: Mac OS, Windows, Linux (Ubuntu)

Databases: PostgreSQL, MySQL, NoSQL, GraphDB, MOLAP

Others: Django REST Framework, OpenCV, Scikit-Learn, TensorFlow, NLTK, SpaCY, Matplotlib, Polyglot, Angular, Nodejs, Reactjs, Git, AWS, Figma, Google Analytics, Gensim, PyTorch, Keras, NumPy, ExpressJS, SciPy, Flask, Pandas, Docker, Heroku.

HONORS AND AWARDS

- Grant of Copyright by the Government of India (ROC: SW-16609/2023) ([Link](#))

- Publication: Transformer Based Implementation for Automatic Book Summarization. Vol 10, 3s (Dec. 2022), 123-128 ([Link](#))

- CISCO Certified Network Associate (CCNAv7)