

Nidhi Prajapati

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Aspiring Software Engineer Intern skilled in Python, C++, and full-stack development, with strong analytical, problem-solving, and collaboration skills. Committed to building intelligent, scalable solutions through creativity and technology, while continuously learning, communicating effectively, and delivering impactful, real-world software innovations.

TECHNICAL SKILLS

- **Languages:** Python, Java, C++, C#, C, JavaScript, HTML, SQL, DSA
- **AI & ML:** Gemini, Vertex AI , LLMs, AI Agent Development, Google ADK, scikit-learn, NumPy, pandas, Model Evaluation(AUC,ROC)
- **Web Development:** React.js, Node.js, Flask, ASP.NET, PHP, Angular, Full-Stack Development
- **Databases:** MySQL, Firebase, PostgreSQL, MongoDB, SQL Server
- **Cloud & DevOps:** AWS, Google Cloud, Docker, Kubernetes, Jenkins, Render Cloud Deployment
- **Testing & Tools:** JUnit, Git/GitHub, Unit Testing, Microsoft Azure
- **Soft Skills:** Critical Thinking and Problem-Solving, Effective Project Management, Dynamic Team Management, Adaptability and Resilience

EXPERIENCE

Vice President - Volunteer

HackHayward | *Hayward, CA*

(June 2024 – Present)

- Promoted to Vice President of HackHayward for outstanding leadership and strategic impact; currently overseeing Technical, Marketing, Logistics & Operations, and Outreach teams.
- Coordinated event operations and logistics for 200+ participants, 11 judges, and 2 keynote speakers, ensuring seamless execution.
- Secured funding worth \$18,000 and established 8+ partnerships with Google, AWS, PerplexityAI, GroqAI, CS & Engineering Departments at CSUEB, Smith Center at CSUEB, and Red Bull.
- HackHayward is a nonprofit hosting hackathon leveraging cloud computing, AI, and software development to foster innovation and empower students to collaboratively solve real-world problems.

Vice President - Volunteer

Google Developer Groups on Campus, CSU East Bay | *Hayward, CA*

(August 2024 – Present)

- Oversee and coordinate **Technical, Finance, Operations, and Marketing teams** to ensure effective execution of initiatives.
- Support planning and delivery of **workshops and speaker events**, enhancing member engagement and learning.
- Assist in organizing **hackathons and events**, driving collaboration and contributing to organizational growth.

Learning Assistant

STEM Lab | *Hayward, CA*

(Jan 2023 – May 2024)

- Facilitated interactive learning sessions and quizzes for Math 115 and Math 110, reinforcing essential quantitative skills and problem-solving strategies.
- Developed targeted study guides and led drop-in support sessions at the CSUEB STEM Lab, a collaborative space supporting STEM students across science and engineering disciplines
- Collaborated with faculty and peers to improve instructional delivery, foster an inclusive learning environment, and enhance students' academic success in STEM courses.

Student Assistant

College Link Program | *Hayward, CA*

(August 2025– Present)

- Coach and mentor students with Autism Spectrum Disorder (ASD) to support academic, social, and independent living success.
- Facilitate weekly coaching, lab check-ins, and in-class shadowing to build executive functioning, communication, and problem-solving skills.
- Collaborate with coordinators and coaching teams to track progress, promote independence, and ensure student success.

PROJECTS

Scalable Communication System - Current - 6th Semester (CS-401) - Java, TCP/IP Sockets, Eclipse IDE, Git, JUnit, SQL Database (planned)

- Designing a multi-threaded client-server banking system enabling secure communication between employee and ATM interfaces for real-time transactions.
- Creating SRS documentation and UML diagrams to outline architecture, database schema, and user interaction flows.
- Incorporating modular account management for checking, savings, and credit accounts with fee, interest, and security logic currently in the **design and planning phase**, with upcoming SQL integration for persistent data storage and JUnit-driven validation testing.

Ethical Dilemma Simulator | C#, ASP.NET Core Razor Pages

- Developed an interactive web app with Razor Pages to present 10 real-life moral scenarios, capturing user selections to calculate honesty and empathy scores.
- Integrated Google Charts API leveraged C# fundamentals—static and dynamic variable allocation, runtime arithmetic evaluation, and conditional selection statements—to drive scenario logic.
- Architected an Object-Oriented Programming design with encapsulated Player, Choice, and Scenario classes and an abstract base for scenario types, enabling easy extension and maintenance.

AI CRM Insight Dashboard | Fast API, React, scikit-learn, Render Cloud

- Built and deployed a full-stack web application that predicts customer churn and provides data-driven retention insights.
- Developed a FastAPI backend with machine-learning (Logistic Regression) and a React frontend for interactive visualization.
- Deployed the complete system on Render Cloud, enabling real-time analysis and end-to-end AI integration.

EDUCATION

California State University, East Bay | *Hayward, CA*

(Jan 2023 – Dec 2026)

Bachelor of Science in Computer Science

Shree S.D.Vyas Sharada Vidhya Mandir | *Ahmedabad, India*

(March 2021)

Highschool Education