

Abhay Parekh

Computer Engineer

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SKILLS

Languages: C/C++, C#, Python, HTML, CSS, JavaScript, TypeScript, PHP, SQL

Technologies & Tools: Scikit-learn, PowerBI, NumPy, Pandas, React.js, Node.js, MongoDB, .NET, Bootstrap, Figma

Soft Skills: Communication, teamwork, problem-solving, leadership

PROFILE SUMMARY

Solution-driven Computer Engineering student with experience in full-stack development and AI/ML. Skilled in building scalable web applications using React.js, Node.js, and Python. Passionate about developing user-centric products and leveraging AI to solve real-world problems.

OBJECTIVE

Passionate about full-stack development and AI/ML, seeking a challenging role to apply my skills in building innovative and impactful solutions.

EXPERIENCE

Office Beacon ASPL

Vadodara, IN (Sep 2026 – Ongoing)

- Working on various AI/ML projects involving RAG, LLMs, and other AI-driven solutions.
- Developing and implementing AI/ML models and applications using Python and relevant machine learning frameworks.

SDE, Asamkhyia AI Pvt Ltd

Remote (May 2026 – June 2026)

- Built scalable web applications by integrating responsive front-end interfaces with robust back-end services and databases.
- Designed and implemented end-to-end solutions, covering database design, REST APIs, and intuitive user interfaces.

AI/ML Intern, Jio Platforms Limited

Navi Mumbai, IN (Jan 2026 – May 2026)

- Processed and analyzed large datasets for AI/ML workflows.
- Built data preprocessing and embedding pipelines using Python.
- Worked on RAG architectures and semantic retrieval systems and collaborated with cross-functional teams to improve model performance and operational efficiency.

SDE Summer Intern, L&T Energy Hydrocarbon

Vadodara, IN (June 2025)

- Developed a web-based PDF and Excel commenting platform for internal document collaboration.
- Built using ASP.NET (C#) and SQL Server, enabling in-browser annotation and real-time tracking, reducing review cycles by 30%.

Core Committee Member, CSI GCET

Anand, IN (Sep 2024-2025)

- Organized coding events with 200+ participants.
- Managed logistics and event execution for technical festivals.

EDUCATION

G H Patel College of Engineering and Technology

Anand, IN (2022–2026)

- Bachelor of Technology in Computer Engineering
- CGPA: 8.66

PROJECTS

• Maid Ahead (AI-Powered Maid Service Platform)

- Developed a web platform using JavaScript, PHP, and SQL for booking maid services with scheduling and AI-based recommendations.
- Reduced service allocation time by 40% through backend optimization.

• Sleep Quality Prediction App

- Built a Python + Flask application to classify sleep quality using health metrics.
- Achieved 87% accuracy through preprocessing and feature engineering.

• CryptoNova

- Developed a React.js and Node.js cryptocurrency tracker with real-time data and AI chatbot.
- Designed modern UI improving user engagement.

• GitaGPT

- Built an AI-powered system using RAG (LangChain) to retrieve Bhagavad Gita insights.
- Delivered context-aware responses for user queries.

• Mark Manager (RAG + Semantic Search)

- Built an AI-powered bookmark manager that allows users to save, organize, and retrieve links using semantic search.
- Implemented RAG pipelines to enable "talk with your documents" and contextual Q&A over saved content.
- Integrated AI summarization and tagging features to enhance content discovery and productivity.

AWARDS AND CERTIFICATIONS

- Top 5 finalist in Hackathon at Navrachna University, Vadodara
- Coursera certifications in C/C++, Java, OOP, DevOps, and SQL
- NPTEL Certification in Compiler Design