

PRACHI KOTADIA

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EDUCATION

Illinois Institute of Technology, Chicago, IL

August 2023 - May 2025

Master's in Computer Science

- Mobile Application & Develop, Advanced Database Organization, Software Engineering, Science of Programming.

Charotar University of Science and Technology, Gujarat, India

August 2019 - May 2023

Bachelor of Technology

Bachelor of Technology in Electronics and Communication Engineering.

SKILLS

Programming & Cloud: Python, GitHub, Postman, AWS CLI, DynamoDB Indexing, NoSQL, Cloud (AWS), CloudWatch.

Backend: AWS Lambda, DynamoDB, API Gateway, AWS SAM, Boto3, CRUD, Auto Scaling.

Frontend: React.js, JavaScript, HTML, CSS, REST API, State Management.

PROJECTS

Expense Management System - Full-Stack Web Application

January 2025 - Present

- Deployed rolled out system to 1000+ employees, reducing expenses by 20%.
- Integrated DynamoDB with Auto Scaling, handling a 30% data increase with 25% less latency.
- Created user-friendly dashboard operating React, JavaScript, HTML, and CSS, dynamic data visualization.
- Devised a serverless backend leveraging Python AWS Lambda functions, monitored by CloudWatch.

Full-Stack GitHub Analytics Platform With Predictive Model

January 2024 - February 2024

- Developed a Battleship game app operating Flutter, RESTful API for secure user authentication, cutting down login failures by 98%. Automated game tracking and management, expanding user engagement time by 40%.
- Implemented online multiplayer mode, allowing users to challenge friends or random opponents.

Battleship App Using Flutter And Dart

October 2023 - November 2023

- Built project using Plotly Dash, integrating data via Google Finance API, decreasing data retrieval time by 80%.
- Utilized GitHub API and Google Analytics to trace repository engagement, enhancing user retention by 20%, increasing average time spent by 25% through A/B testing.

EXPERIENCE

Web Developer Intern

GroupedIn, New Jersey, United States

September 2024 - December 2024

- Developed responsive and visually appealing websites using HTML, CSS, and JavaScript, created dynamic user interfaces with React, implementing state management and component-based architecture.
- Ensured cross-browser compatibility and website performance using modern CSS techniques and preprocessors.

Software Developer Intern

GroupedIn, New Jersey, United States

June 2024 - August 2024

- Played a key role in developing a cross-platform mobile application deploying Flutter and Dart and implemented a responsive user interface and integrated state management solutions.
- Utilized RESTful API functionality and Firebase for robust user authentication. Mapped to launch of application on Google Play Store and Apple App Store. Skills: Flutter, Dart, RESTful APIs, Firebase.

Software Engineer Intern

Ekarshi OpenSource Foundation, Ahmedabad

June 2020 - October 2021

- Redesigned critical module functions, decreasing code complexity by 30%, improving readability.
- Validated new file processing feature through 500+ test cases, ensuring 99.8% data integrity.

CERTIFICATIONS

Google Crash Course on Python | Stanford University Machine Learning Specialization (Coursera Course Certification) | React Crash Course 2018 | Google UX Design Professional Certificate.