Patel Yagnesh Jatinkumar in.

Ahmedabad University

Passionate Backend Developer. Exploring UI/UX and Frontend Technologies. Keen interest in Web Development.

EDUCATION

Year	Degree	University/Board	Institute	% / CGPA
Pursuing	BTech in Computer Science and Engineering	Ahmedabad University	School of Engineering and Applied Science	3.35/4.00 CGPA
2020	HSC	NCERT	Diwan Ballubhai Secondary School	80 %
2018	SSC	GSEB	Diwan Ballubhai Secondary School	88 %

ACHIEVEMENTS AND ACCOMPLISHMENTS

Winner, WMC 3.0 ⬆

Website Making Challenge 3.0, a brownie event of Programming Club of Ahmedabad University. It was a month long competition during semester starting. We have build an Event -Portal for this.

Jul'22
Aug'22

CERTIFICATIONS

The Complete Web Development BootCamp 2023

Certificate issued by Udemy. A Complete Web Development Bootcamp to become a Full Stack Web Developer. Learnt HTML, CSS, JavaScript, Node, React, and MongoDB.

Jan'23 - May'23

EXPERTISE/AREA OF INTEREST

- Software Development
- Full-Stack Development

INTERNSHIPS

Sacesta Technologies, Ahmedabad — Jun'23 - Pursuing

MedAppoint

- Developed a backend system from scratch using Node.js, Express.js, and MongoDB for a MedAppoint (doctor-appointment) application.
- Designed and implemented RESTful APIs to enable seamless communication between the front-end and back-end of the application.
- Implemented user authentication and authorization features, enhancing the security of the application.

PROJECTS

Ahmedabad University — May'23

Geth: Multiple Database Clients

Summary: Integrated Geth with new Database MDBX and separated the RPC clients for direct Database access.

Skills Used: Blockchain, Ethereum, Golang, MDBX, RPC

Team Size: 4

Key Outcomes: Understood the Go-Ethereum codebase. Implemented all the existing methods in database for MDBX from scratch. Achieved the Goal of Concurrency and Multiple RPC clients could read database.

Ahmedabad University — Oct'22 - Dec'22

Smart-SOS

Summary: Measure Heart Rate and SpO2 and show live graphical data on the screen.

Skills Used: WebSocket, NodeJS, ExpressJS, Nginx, Hosting, ReactJS, Arduino

Team Size: 5

Key Outcomes: Explored about WebSocket and its realtime communication between server and clients. Got a gist about reverse proxy via nginx and hosting of website on servers. Interact with server and ESP8266 module

Ahmedabad University — Mar'22 - May'22

LibrEase

Summary: The LibraEase is a web portal that is able to manage most of the aspects of a library.

Skills Used: ReactJs, Express, Node, CSS, MySQL

Team Size: 3

Key Outcomes: Learned how to do database integration, data management, user authentication.

Ahmedabad University — Jan'22 - Feb'22

Twitter Clone

Summary: Implemented features like real-time updates, user authentication, and responsive design in React and API integration.

Skills Used: ReactJs, Firebase, Css

Team Size: 1
Key Outcomes: Explored different features of react and firebase.

POSITIONS OF RESPONSIBILITY	
Problem Setter - Codefi Setting DSA problems for an Ingenium - Annual Tech Fest event Codefi.	Feb'23

EXTRA CURRICULAR ACTIVITIES	
Volunteer at TIDE Foundation Made video tutorials for students to learn mathematics of standard 1 - 7.	Oct'21 - Nov'21

TECHNICAL SKILLS

Languages: C++, C, Javascript, HTML, SQL, CSS, Typescript, Python, Java

Framework / Libraries: ReactJs, ExpressJs, NodeJs, MySQL

Tools / Technologies: Git, Firebase, Github, Vs Code, Figma, Docker

PERSONAL DETAILS

✉ yagnesh.p@ahduni.edu.in 📞 7016178175 🏠 Ahmedabad