

Het Shah

B.Tech – Information and Communication Technology with Minor in Computational Science

✉ 202201515@dau.ac.in [in linkedin.com/in/HetShah](https://www.linkedin.com/in/HetShah) github.com/HetShah



Education

Dhirubhai Ambani University CPI: 7.91	2022 - Present Gandhinagar, Gujarat
12th D.N. High School (GHSEB) Percentage: 89.69%	2021 - 2022 Anand, Gujarat
10th D.N. High School (GSEB) Percentage: 88.16%	2019 - 2020 Anand, Gujarat

Experience

Ultron Technologies Software Engineering Intern	May 2025 – July 2025 Anand, Gujarat
<ul style="list-style-type: none">Contributed to building internal tools using the MERN stack, focusing on developing React components and backend APIs with Node.js and Express.Fixed bugs and improved basic features to make the application run more smoothly and user-friendly.	

Projects

eBay DBMS PostgreSQL, PGAdmin	
<ul style="list-style-type: none">Designed and developed a Database System for an online shopping platform like eBay using PostgreSQL.Created an ER model and converted it into a relational schema & executed complex SQL queries to ensure smooth database functionality.	
Wanderways React.js, Express.js, Node.js, MongoDB, Material UI	
<ul style="list-style-type: none">Built a full-stack travel web application with a team using the MERN stack, featuring user sign-up, login, trip search, booking, and AI-generated custom trip using GEMINI API.Designed class and sequence diagrams and tested the application with a team using the Agile methodology.	
Polar Codes Matlab, Python	
<ul style="list-style-type: none">Implemented Polar Code encoding and decoding in MATLAB and Python, designing decision-based algorithms for error detection over an AWGN channel used in 5G communication systems.	

Technical Skills

Languages: C, C++, SQL, Python (Basic)
Frameworks & Tools: React.js, Node.js, Express.js, Postman, PGAdmin, Github, VS Code, Matlab
Cloud/Databases: MongoDB, PostgreSQL
Soft Skills: Team Collaboration, Leadership, Problem Solving, Communication, Time Management
Coursework: DSA, Computer System Programming, High Performance Computing, DBMS, CN, OOPS
Areas of Interest: DSA, Web Development

Position Of Responsibility

Committee Member Student Placement Cell, DAU	Apr 2023 – Oct 2024
<ul style="list-style-type: none">Coordinated placement process and served as a point of contact between students and companies.	
Core Member DAU Center for Entrepreneurship and Incubation	Feb 2023 – Oct 2024
<ul style="list-style-type: none">Organized the college event Sellout, providing students practical exposure to business.	

Achievements

- Secured Rank **15th** in Gujarat state ACPC, 99.67 percentile in HSC, 115.25 marks in gujcet 2022
- CodeForces Highest Rating: **1357 (Pupil)**