CHARMI NAIK

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Education

Pandit Deendayal Energy University, Gandhinagar   2021 − 2025
Bachelor of Technology in Computer Science and Engineering   *CGPA: 9.46*

- Learned technologies based on Industry 4.0, Robotics, Advance Python, DBMS(SQL), Data Analysis, Full-Stack.

Technical Skills

Languages: C, Python, Java, JavaScript, Spring-Boot
Database: SQL, MongoDB, PostgreSQL
Web Technologies: HTML, CSS, React.js, Node.js, Express.js, Angular
Frameworks & Libraries: Numpy, Panda, MatplotLib, WebScraping, Flask
Software & Tools: Linux, Kali Linux, Figma, VS Code, SolidWorks, MATLAB , GitHub , Canva
Cloud Services: AWS: S3, EC2, Load-Balancing, RDS, Terraform, SNS, Amplify, Autoscaling
Cyber Security Tools: OpenPuff, Nmap - Zenmap GUI, BurpSuite, PortSwigger, Autopsy, FTK - Forensic Tool Kit

Experience

UI/UX Intern   **May 2024 − August 2024**
Silver Touch Technologies Ltd. , Ahemdabad

* Silver Touch specialize in implementation of Digital Transformation for Enterprise customers.I have learnt various style of animations and techniques of UI/UX designing in mobile application.

Software Developer Intern   **January 2025 − Present**
Argusoft , Gandhinagar

* Gaining hands-on experience in full-stack development using Angular, Spring Boot, and PostgreSQL. Contributing to enterprise-grade applications with secure REST APIs, responsive UI design, and database integration. Working with AWS services for deployment, storage, and cloud-based application support.

Publications

Advancement in Modern Steganography Techniques for Enhanced Data Security: Febuary-March 2024
A Comprehensive Review

* Presented by me at 18th INDIAcom ; 11th 2024 International Conference on Computing for Sustainable Global Development
* "Advancements in Modern Steganography Techniques for Enhanced Data Security: A Comprehensive Review," 2024 11th International Conference on Computing for Sustainable Global Development (INDIACom), New Delhi, India, 2024, pp. 941-944, doi: 10.23919/INDIACom61295.2024.10498587.

Projects

Resourcely − IT Resource Management Portal | *Angular , Spring Boot , AWS , PostgreSQL*   **February 2025**

* Developed a full-stack IT resource management system with role-based login for admins and employees.
* Enabled inventory tracking, resource requests, ticket creation with image upload, and engineer assignment.
* Integrated AWS for image storage and secure data handling.

JobFinder | *Python , Flask*   **August 2023**

* Python Job Finder with web scraping for job listings, applying, and managing saved jobs.
* Profiles generate personalized job suggestions, featuring basic interview questions and preparation videos.

Foodie | *Figma (Figma - FOODIE [Project-Link])*   **May 2024**

* Successfully led the design ideation and prototyping phases for the Foodie app using Figma, ensuring seamless user experiences and intuitive interface design.

Event Managemnet - Flare | *ReactJs, NodeJs, HTML5, CSS*   **March 2024**

* Developed a full-stack Event Management platform "Flare" using ReactJS, NodeJS, HTML5, and CSS, enabling users to view and register for various events with real-time details and authentication.
* Implemented user authentication and personalized event registration tracking, enhancing user experience and engagement on the platform.

Three Tier Architecture | *Docker, NodeJs, HTML5, CSS, MYSQL (Github - [Blog - Post])* **April 2024**

* ∗ Implemented a 3-tier architecture using Docker to containerize a MySQL database, Express.js backend, and HTML/CSS frontend, ensuring seamless communication within a Docker network.
* ∗ Created a detailed setup guide and automated deployment process for the application, enhancing system reliability and scalability.

Certification & Achievement

* Certified for presenting 'Advancements in Modern Steganography Techniques for Data Security' at INDIACom 2024, New Delhi.

* Certified in Blended Cyber Security by TCS and Microsoft through Tata STRIVE Extension Centre – PDEU Gandhinagar, November 2024.

* Completed Udemy's 'Cyber Security Course: Hackers Exposed' with a focus on ethical hacking, threat analysis, and security best practices.

* Qualified for Smart India Hackathon(SIH) 2024, securing 5th place out of 70 teams in the Ideation and demo round.