Henil Jasminkumar Thaker

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👤 Profile

I am a software developer with a strong foundation in computer science and engineering, seeking to leverage my programming skills and project experience in a challenging role. With experience across front-end and back-end development, I bring together strong coding skills, and a commitment to delivering high-quality projects. From building interactive interfaces to managing databases, I enjoy transforming ideas into functional, scalable solutions.

💼 Professional Experience

Software Engineer 1, *J.P. Morgan Chase & Co.* Jan 2025 – Present
- Resolved high-priority bugs and upgraded major platform dependencies, cutting down recurring issues and support tickets by **20%**.
- Identified **5+** bottlenecks and stabilized them using multithreading in data workflows, reducing fetch time by **30–40%** and speeding up user queries.
- Expanded a user-defined function (UDF) framework to support **10,000+ user-defined functions**, enabling users to create, share, and manage reusable data-retrieval logic, enhancing collaboration across teams
- Implemented **robust conflict-resolution and version-management mechanisms** for UDFs, increasing feature stability and reducing user-reported issues related to naming/definition conflicts by **25%**.

Software Engineering Intern, *J.P. Morgan Chase & Co.* May 2024 – Jul 2024
- Contributed to backend services used by **multiple internal teams**, improving response consistency across **5+ APIs**.
- Cleaned up legacy API logic, reducing onboarding time for new developers by **~25%**.
- Followed **Agile, SQDC, and LEAN methodologies**, actively contributing to sprint ceremonies andcross-functional reviews, resulting in a **15–20% improvement in delivery predictability** and continuousquality enhancement.

🎓 Education

Bachelor of Technology, Computer Science and Engineering, 2021 – 2025
Sardar Vallabhbhai National Institute of Technology
CGPA: 9.28

🧠 Skills

Programming Languages
C, C++, Python, Java, HTML, CSS, Javascript

Frameworks and Databases
ReactJs, NodeJs, ExpressJs, SpringBoot, JUnit, MongoDB, SQL

Computer Science Fundamentals
Data Structures and Algorithms, Data Base Management System, Operating System, Object Oriented Programming, Computer Networking, Information Security

Additional
Git, Github

📂 Personal Projects

Custom Craft, *An e-commerce website giving personalized shopping experience developed at Dotslash 7.0 within 30 hours.* 🔗
- Developed product customization features (color, texture, image upload) to give users a more **personalized shopping experience.**
- Added 3D product previews with **360° viewing**, helping **80%+** of demo users make faster purchase decisions.
- Engineered a recommendation module showing **10+ relevant products** per customization, improving product exploration.
- Added a **secure payment gateway** to enable smooth and reliable checkout.
- **Tech Stack:** Three.js, ReactJs, Flask, Tensorflow

Chatify, *A chat application that allows users to communicate with each other in real time.* 🔗
- Integrated **Google OAuth** for one-click login, reducing signup time by **40%**.
- Enabled **image and document sharing** within the chat for better user interaction and engagement, which boosted message activity by **30%** in test groups.
- Built **anonymous chat rooms** where messages aren't saved, improving privacy and user freedom.
- **Tech Stack:** ReactJs, Material UI, NodeJs, ExpressJs, MongoDB, PusherJs

A1-Cakes, *A website for a local cake shop in Surat.* 🔗
- Introduced **user authentication** to make the platform more secure and easier to access.
- Designed a browsing and filtering flow that cut product search time from by **~50%**.
- **Connected orders directly to WhatsApp**, reducing the owner's manual order processing time and managing effort by **25%**.
- Provided **admin tools** for adding, editing, and deleting cakes, including image uploads, to simplify bakery management.
- **Tech Stack:** ReactJs, NodeJs, ExpressJs, MongoDB, JWT

🏅 Achievements and Extra Curricular

- Secured **3rd** position in Dotslash 7.0 organized by ACM NIT Surat, out of **50+ teams**.
- Achieved a spot in **top 8** in Hack the Tank hackathon organized by GDSC NIT Surat out of **40+ teams**.
- **3159** Rank in Google KickStart 2022 Round G.