

PRATHAMESH PAWAR

Mumbai-400078, Maharashtra

☎ +91 9969282159 ✉ prathamesh.rjpawar@gmail.com 📧 Prathamesh 🌐 Prathamesh111-netizen

EDUCATION

- Sardar Patel Institute of Technology** Mumbai, India
Bachelor of Technology - Information Technology; GPA: 9.0 January 2021 - Present
Courses: Data Structures, DBMS, Machine Learning, Distributed Computing, Cloud computing, Security Operations Center

WORK EXPERIENCE

- Deutsche Bank Group** Pune, India
Technology Analyst (Internship) May 2023 - July 2023
 - Cloud Compliance Dashboard:** Designed a Grafana dashboard to monitor Google Cloud resources, improving resource visibility and potentially leading to a 10% reduction in time spent to get results
 - AI Bot Creator Platform:** Orchestrated Proof-of-Concept initiatives, leveraging OpenAI, llama-index, and langchain libraries, resulting in the development of a functional AI Bot Creator Platform prototype.
 - Infrastructure Provisioning:** Developed and implemented GitHub workflows optimizing CI/CD operations, resulting in a 40% reduction in deployment time for containers, cloud functions, VPCs, and VMs provisioned with Terraform.
 - Machine Learning:** Train Models to predict loan eligibility with an accuracy of 99.8 % and an F1 score of 0.99
 - User Interface (UI) Enhancements:** Contributed to the SRE toolkit and cloud monitoring platform by enhancing user interactivity and overall user experience
- Sarvm.AI** Bengaluru, India
Backend Developer (Internship) May 2022 - September 2022
 - Services:** Owned and managed the User Authentication module, Implemented multi-factor authentication (MFA)
 - ELK Stack:** Utilised Elastic search, Kibana, and Logstash for efficient Logs Processing and Visualization.
- Vidyandaan Sahayyak Mandal** Mumbai, India
Full Stack Developer (Internship) December 2021 - May 2022
 - Project development:** Enhanced the management of Donations records of approx 10-15cr for the organization
 - Deployment and Monitoring:** Deployed and monitored the infrastructure on AWS, including EC2 instances, RDBMS

PROJECTS

- Proxima: Meetings Platform (Socket.io, Huddle01, IPFS):**
Facilitated users to conduct virtual decentralized meetings, Platform features include a collaborative code editor and whiteboard using Socket.io, Other features include File and Screen Share, and Code Compiler. Auto-generated Transcripts for the meeting using meeting recording and AI tools. (April '23)
- Food Donation platform (MERN Stack, RazorPay):**
Engineered an interactive and usable solution for Bangalore-based Food Bank, Integrated Food catalog system and payment gateway, ensured the end-to-end monetary transactions, Tracked, and report metrics on system performance (June '22)
- John Conway's Game of Life Simulation (p5.js — DSA):**
Simulated 1D and 2D cellular automata, with Canonicalized quadtrees and hash life algorithm (April '22)
- Image Segmentation Application for Diverse Domains:**
Facilitated accurate organ delineation and anomaly detection from medical images (August '23 - Present)

SKILLS SUMMARY

- Languages:** C++, Java, Python, JavaScript, SQL, Solidity
- Frameworks:** NodeJS, ExpressJS, React, NextJS, Flask, Django
- Databases:** PostgreSQL, MySQL, DynamoDB, MongoDB, Elastic Search
- Tools:** Docker, Kubernetes, Git, Github, WSL, Kibana, Logstash, Terraform
- Platforms:** Amazon Web Services, Google Cloud, Okteto, Heroku, Netlify

ACHIEVEMENTS & AWARDS

- ICPC Asia Regionalist'22: AIR 55 at Kanpur and AIR 60 at Gwalior-Pune regionals
- Winner JP Morgan Chase and Co. Code for Good - 2022 hackathon among 50000+ participants
- Winner at ETHGlobal SpaceWarp hackathon - 2023 hackathon among participants from 82 different countries
- Top 10 ranking in APAC region at the Deutsche Year of AI Hackathon 2023
- Achieved AIR 394 (Global rank. 1522) in Google Hash code 2022 among 10000+ teams worldwide
- Codeforces Specialist Rank (Peak Rating 1598) and Codechef 4 Star status (Peak Rating 1890)

POSITIONS / VOLUNTEER EXPERIENCE

- Technical Head at IEEE CS SPIT**
Arranged Hackathons, Coding tests with each event with over 200+ active participation Dec 2022 - July 2023
- Student Volunteer for Vidyandaan Sahayyak Mandal**
Supervised Coordination of monthly meetings to increase interaction between students May 2020 - May 2023