APOORV GARG
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Experience

Program Associate, Wells Fargo, Chennai — Aug 2023 - Present
- Developed UI enhancements, orchestrated Core API modifications, and managed PEGA workflows for Enterprise Allegation Platform.
- Developed a PEGA-based portal for accessing service logs and efficiently handling REST API for debugging and audit purposes.
- Achieved Microsoft Certified: Azure Fundamentals and PEGA Certified System Architect (CSA) certifications.

Software Developer (Maintainer), JdeRobot, Remote — Sep 2022 - Present
- Developed and optimized JdeRobot's dashboard, enriching user experiences through intuitive design and efficient data visualization.
- Facilitated the seamless transition of web-based application to desktop platforms, enhancing accessibility and usability for diverse users.
- Led open-source contributor mentoring and spearheaded Google Season of Docs initiatives for collaborative knowledge sharing.

Software Developer (Contractor), Talkdoc, Remote. — Jan 2023 - Aug 2023
- Orchestrated the refinement of TalkDoc's onboarding workflow, optimizing user experiences and operational efficiency.
- Executed impactful UI changes, enhancing interface usability and visual appeal to elevate user engagement.
- Spearheaded comprehensive test case development and coverage reporting, ensuring software quality and reliability.

Software Developer, Finsara, Gurugram — Jan 2023 - Aug 2023
- Implemented Account Aggregator functionality, enhancing data accessibility and user experience.
- Led implementation of new features like customer verification, processing fees, and Hinglish support, improving functionality.
- Orchestrated instance auto-scaling with Capacity Reservation Ratio, reducing costs by 20% and increasing availability.
- Implemented SSL Pinning, Refresh Token Rotation, and Google's Privacy APIs for enhanced security.

Internship Experience

Code for Govt Tech (C4GT) Participant, Shikshalokam, Remote — Jun 2023 - Aug 2023
- Developed a Configurable Template Creation Portal enabling users to create and share micro-improvement templates seamlessly.
- Implemented Angular and Flask backend ensuring robust user authentication and state management.
- Integrated template versioning, enabling dynamic updates without redeployment, enhancing scalability and usability.

Software Developer Intern, Finsara, Gurugram — Nov 2021 - Jan 2023
- Created a network service wrapper for efficient logging, serialization, and deserialization.
- Enhanced app functionality by 35% with Firebase integration for performance monitoring and crash analytics.
- Innovated processes by introducing QR code-based referral service and masked alternate numbers, boosting efficiency and user engagement.

Google Summer of Code (GSoC) Participant, JdeRobot, Remote — May 2022 - Oct 2022
- Migrated Vanilla JavaScript to React for 26 Robotics Academy exercises, boosting user engagement by 40%
- Crafted React templates for exercises, boosting retention by 50% through improved performance and user experience
- Integrated React with Django and RADI backend for Robotics Academy, leading to enhanced user satisfaction

Mentee, Amazon Machine Learning Summer School, Remote — June 2022 - Aug 2022
- Engaged in Amazon Machine Learning Summer School, gaining expertise in machine learning concepts and applications remotely.
- Actively participated in Amazon Machine Learning Summer School, refining skills in data preprocessing, model development, and evaluation
- Demonstrated commitment to growth, equipped to contribute to data-driven projects effectively.

Software Developer, Deloitte, Hyderabad — May 2022 - July 2022
- Developed application with ASP.NET, MVC, React, Azure Cognitive Services, and MongoDB
- Enhanced document processing with Azure Form Recognizer, reducing processing time by 50% and boosting accuracy
- Implemented CI/CD pipeline, increasing code quality and cutting deployment time by 50%

Education

Netaji Subhas University of Technology, New Delhi — Aug 2019 - Aug 2023
B.tech, Information Technology, Grade: 8.57 CGPA

Silver Line Prestige School, Ghaziabad — Mar 2017 - Mar 2019
CBSE (Class XII), Grade: 95.6%

Projects

Template Creation Portal (link) — Aug 2023
This portal enables creators, create templates of micro-improvement (a digital project plan with tasks) that can be picked up and worked upon by users to achieve certain goals as outlined in the project plan.

Robotics Academy Desktop (link) — May 2023
Desktop Version of Robotics Academy.

AI Image Captioning Bot (link) — Nov 2022
Employs advanced deep learning techniques to generate descriptive captions for images, enhancing accessibility and understanding of visual content across various applications.

Robotics Academy (link) — May 2022
Innovatively developed open-source Robotics Academy leveraging Gazebo simulator and ROS, offering practical exercises in drone programming, computer vision, mobile robots, and autonomous cars, empowering students to code solutions in Python.

Awards and Certifications

- Microsoft Certified: Azure Fundamentals **(link)** — Jan 2024
- Certified System Architect (CSA) **(link)** — Nov 2023
- Invited as a Speaker at **Google Mentor Summit 2023**, **Google MP3, Sunnyvale Office** — Oct 2023
- Selected for **HackHarvard 2022** Conference at **Harvard University, Boston** — Oct 2022
- Secured a rank of **10** worldwide in **Cansat 2020** — May 2020

Skills

- **Programming languages:** Java, Python, C++, C#
- **Web Technologies:** React, Nodejs, JavaScript, Typescript, HTML, Tailwind
- **Frameworks:** Flutter, Django, ASP.NET, Express
- **ML/AI:** TensorFlow, Pytorch, Numpy, Pandas, Matplotlib
- **Database:** MongoDB, MySQL
- **Coursework:** Operating System, Computer Networks, Data structures and Algorithms
- **Miscellaneous:** Git, Shell, Amazon Web Services, Azure, Design patterns, PEGA