SAMRA HANIF

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SUMMARY

Creative front-end engineer with a strong foundation in modern web technologies (Angular, React, Next JS), passionate about crafting intuitive designs, enhancing accessibility, exploring new tools in the front-end ecosystem, and contributing to projects that prioritize user experience and innovation.

EXPERIENCE

Careem　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　February 2023 – Present
Senior Software Engineer　　　　　　　　　　　　　　　　　　　　　　　　　　*Karachi, Pakistan*
- Collaborated with stakeholders to gather requirements and delivered visualization solutions across 4+ verticals, enabling faster analysis and more informed decision-making.
- Enhanced a data visualization platform using React JS, leading to a 90% adoption rate and improving user engagement.
- Developed and maintained APIs in Python and MySQL, documented on Swagger for seamless integration.
- Boosted data accuracy by 45% via data quality checks, availability tracking, and lineage management.
- Optimized deployment by automating Docker artifact builds and publishing to AWS with GitHub Actions, speeding deployments by 3x.
- Reduced manual effort by 80% via automated GitHub workflows for transferring asset ownership.
- Created development plans, user guides, and designs to streamline knowledge sharing, cutting explicit sessions by 35%.
- Developed PRD, RFC, WBS and timelines to keep projects on track with clear communication of progress.
- Maintained a forked open-source project, aligning it with latest updates.
- Measured the impact of new features through surveys and feedback sessions, guiding future development.

Careem　　　　　　　　　　　　　　　　　　　　　　　　　　　May 2022 – February 2023
Software Engineer　　　　　　　　　　　　　　　　　　　　　　　　　　　*Karachi, Pakistan*
- Created wireframes with Balsamiq and WireframePro, accelerating design approval by 2x.
- Developed clean, efficient web applications using React JS and Python.
- Handled 7+ daily queries via technical & production support to stakeholders, ensuring smooth operations.
- Automated PII data access control with JIRA & Ranger, reducing manual effort by 90%.
- Built Python schedulers for timely, accurate reporting, cutting manual oversight by 80%.
- Optimized data retrieval by 5x through in-memory store leveraging APIs.
- Integrated CI/CD workflows using GitHub Actions and ArgoCD for seamless deployments.
- Deprecated legacy platforms in favor of Superset, boosting adoption by 75%.

Systems Limited　　　　　　　　　　　　　　　　　　　　　　　January 2019 – April 2022
Software Engineer　　　　　　　　　　　　　　　　　　　　　　　　　　　*Karachi, Pakistan*
- Led a team of frontend engineers, successfully delivering 5 major projects.
- Developed 4 custom web apps with Angular and React, optimizing performance via Lazy Loading, CDK Virtualization, and AgGrid.
- Built cross-platform hybrid mobile applications with Ionic.
- Wrote unit tests for frontend components using React Testing Library & Jest.
- Automated loan organization system, boosting application approval by 75%.
- Conducted POCs and R&D for feature/module integration and managed bug lifecycle with JIRA.

ACCOMPLISHMENTS

Open Source Contribution: Apache Superset　　　　　　　　　　　　　　　　　　April 2023
- Contributed multiple PRs regarding enabling text wrapping and the user selection in tables.
  PR #23328　　PR #31602

Blog: Internal Email Feature in Angular　　　　　　　　　　　　　　　　　　　July 2021
- Wrote a blog on integrating `ngx-chips` and `angular-editor`, streamlining communication and security workflows.
- Enhanced readability and usability by up to 90%.
- Medium Blog Link

CERTIFICATIONS

Introduction to LLM 2024
LinkedIn Learning
- [LinkedIn Learning Certificate Link](#)

Python and Pandas for Data Engineering 2023
Duke University, Coursera
- Enhanced ability to manipulate data frames and pivot tables in Superset.
- [Coursera Certificate Link](#)

EDUCATION

Masters in Software Project Management 2022
FAST, NUCES *Karachi, Pakistan — CGPA: 4.0*

Bachelor of Engineering, Computer Science 2018
NED University of Engineering & Technology *Karachi, Pakistan — CGPA: 3.6*

SKILLS

Languages: JavaScript, TypeScript, Python

Frameworks: React, Angular, Node.js, Next.js, NestJS, React Native

Cloud Systems: Kubernetes, Docker, AWS

Databases: Redis, Postgres

Versioning: GitHub