Abubaker Surangiwala

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Experience

Qamar Labs, *Founding Engineer - Chicago, IL*   *May 2025 - Present*
- **Designed and Developed** cross-platform mobiles applications using **React Native**, focusing on intuitive UX and high daily user engagement
- **Built and maintained scalable backend services** to handle authentication, user data management, and content delivery
- Managed full deployment lifecycle, publishing apps to both the **Apple App Store** and **Google Play Store**, and resolving post launch issues
- Integrated **RESTful APIs** and optimized data flows between mobile clients and backend services to ensure low-latency, reliable application performance

CCC Intelligent Solutions, *Forward Deployed Engineer - Chicago, IL*   *June 2024 - May 2025*
- **Partnered with stakeholders to design and deliver full-stack solutions,** translating business requirements into scalable applications deployed to production
- **Designed and implemented backend services in Java,** building RESTful APIs with **Spring Boot** and delivering reliable integrations through Maven/Jenkins CI/CD pipelines
- **Developed and customized Vue.js frontend components** to support customer-facing workflows, improving usability and performance across enterprise applications
- **Built an internal observability and metrics platform** to demonstrate system health and performance, enabling faster troubleshooting and clearer communication with non-engineering teams
- **Collaborated across engineering, product, and operations** to diagnose issues, support deployments, and ensure reliable outcomes for end users and stakeholders
- Gained hands-on experience with **Docker** for containerizing applications, **Kubernetes** for orchestrating clusters, and **AWS** for deploying and managing scalable cloud infrastructure

MCCA College Prep, *Infrastructure Engineer - Morton Grove, IL*   *May 2022 - June 2024*
- Maintained and administered a suite of technology devices, including the Apple product ecosystem, ensuring smooth day-to-day operations
- Built and managed servers and databases for student and parent information, improving data accessibility and reliability
- Provided technical support and troubleshooting services to administrators and staff, resolving issues promptly to minimize downtime
- Offered consultative expertise to the IT department, assisting in the evaluation and implementation of new technology solutions

MCCA College Prep, *Computer Science Teacher - Morton Grove, IL*   *December 2021 - June 2024*
- Taught students programming fundamentals and application development using **Java** and **Python**
- Designed and implemented curriculum tailored to diverse learning needs across multiple grade levels
- Mentored students on career development, providing personalized improvement plans to support academic and professional growth

Education

DePaul College - *Bachelors of Science: Computer Science*
- GPA: **3.85** | Concentration: Software Engineering
- Activities/Clubs: Student Finance Association, CS Society, Investing Club, UMMA, Depaul AI,Volleyball

Amazon Web Services - *Solutions Architect Associate*   *August 2025*

Skills

- Java, React, Vue.js, HTML, CSS, Javascript, Python, Django, SQL, Mac OS, Windows, Git, Docker, AWS
- Full-stack software development with experience in both backend and frontend technologies
- Fast learner with a strong ability to adopt and implement new tools, frameworks, and methodologies

References Available Upon Request