Anvay Paralikar

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Seeking a **Software Engineer Intern** role to apply my skills in **C#, C++, Rust, SQL and JS** for building scalable applications. With experience in **Full stack development, GCP, and database optimization**, I aim to contribute to innovative, high-performance solutions.

EDUCATION

The George Washington University, School of Engineering & Applied Science — **Washington, DC**
Master of Science in Computer Science (GPA: 3.2/4.0) — **May 2026**

- **Courses:** Design & Analysis of Algorithm, Advanced Software Paradigms, Software Engineering, Cloud Computing.

Savitribai Phule Pune University (GPA:3.27/4.0) — **Pune, Maharashtra**
Bachelor of Engineering in Computer Engineering — **June 2020**

- **Courses**: Machine Learning, Artificial Intelligence, Data Mining and Warehousing, Data Structures & Algorithms.

TECHNICAL SKILLS

- **Technical Languages** - C#, C++, Rust, SQL, Python, JavaScript, jQuery, HTML, CSS, Vue JS.
- **Framework & Tools** - ASP.NET, .NET Core, SSMS, Git, Google Cloud Platform, AWS, Entity framework, Visual Studio 2022, Microsoft SQL Server Management, VS Code, Postman, Rocket, Actix Web, Tokio.

RELEVANT WORK EXPERIENCE

Phillip Capital India Pvt Ltd — **Mumbai, Maharashtra**
Software Engineer — **September 2022 - July 2024**

- **Software Development & System Enhancement:** Revamped the Fixed Income Trading platform using .NET Core, HTML, CSS, and JavaScript, improving user interactivity and boosting client engagement by 35%.
- **Data Processing & Query Optimization:** Optimized 15+ MS SQL queries, accelerating transaction processing, reducing response times by 40%, and enhancing trade execution efficiency.
- **Automation & Efficiency Improvements:** Implemented automated email functionalities using C# and JavaScript, streamlining client communication and simplifying transaction workflows.
- **Regulatory Compliance & Security:** Built a secure eKYC system with .NET Core and C#, ensuring regulatory compliance and enhancing customer trust during PMS onboarding.
- **Technical Support & System Reliability:** Diagnosed and resolved 60% of backend technical issues within SLA, increasing system reliability and customer satisfaction by 20%.

Junior Software Engineer — **April 2021 - August 2022**

- **Spearheaded creation** of the DIFC eKYC Demat Account application for the Dubai International Financial Centre using .NET MVC, C# and JavaScript, transforming KYC workflows and boosting efficiency for a diverse client base.
- **Developed** a web application for PCI Unlisted Shares, expanding company's offerings by 15% and enabling real-time, reliable data on share specifications, quantities, and market prices for better business decisions.
- **Collaborated with teams from diverse backgrounds** to implement secure and inclusive customer solutions in financial services.
- **Automated** document verification, decreasing manual work by 80% while amplifying productivity and accuracy.

TECHNICAL PROJECTS

Telehealth Dashboard — **October 2024 - November 2024**

- **Designed** and **developed** the Telehealth Dashboard, a **Rust** based web application enabling users to filter healthcare providers by location and specialty, compare services, and access an interactive UI for informed decision making.
- **Integrated real-time data** from telehealth providers with NPI, ensuring up-to-date service availability and seamless access to specialized medical information, cutting down user search time and enhancing decision-making accuracy.

Mold Monitoring System — **December 2019 - February 2020**

- **Automated manual data entry** for molding operations, streamlining processes and reducing errors, while reducing report generation time by 90%, enabling real-time tracking for 100+ Molds and saving over 20 hours per week.
- **Designed** and **implemented a reporting tool**, lowering operational costs by 30%, Integrated predictive maintenance alerts, minimizing mold downtime by 15% and enhancing equipment lifecycle management, leading to a 25% improvement in decision-making for maintenance teams.