SHUBH AGGARWAL

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About Me

Dedicated and industrious, bringing over a year of invaluable experience in the dynamic realm of software engineering. Proficient across an array of programming languages including C, C++, C#, Python, and Java, possessing a skill set primed for tackling diverse challenges. Committed to continuous growth, embracing each day as an opportunity to expand my expertise and stay abreast of emerging technologies.

WORK EXPERIENCE

Moody's Analytics   Gurgaon, India
Software Engineer   Jul 2023 – Present

- Enhanced and maintained a critical software product used by many big banks, leading to a 35% increase in user satisfaction and reducing system downtime by 20% within eight months.
- Architected scalable server-side solutions with C# reformed UI/UX with Angular, and maintained integrity of extensive datasets in PostgreSQL, resulting in an increase in application efficiency and user satisfaction.
- Drive product development initiatives, addressing defects and aligning solutions with client feedback and requirements.
- Established extensive unit testing procedures after feature development, guaranteeing superior performance and reliability, decreased post-launch issues by 55% and increased client satisfaction score.
- Identified and addressed client needs by working closely with product owners, provided accurate estimations that led to timely project completion and a 30% increase in project delivery efficiency.
- Cultivated a strong team by implementing structured communicating protocol, resolved 95% of project challenges collaboratively and boosting team efficiency and project completion rate by 60%.

HighRadius   Remote, India
Internship   Jan 2022 – Apr 2022

- Designed and implemented a full-stack web based product for SaaS environment during an internship at High Radius Corporation, resulting in a reduction in project development time and boosted user engagement by 50% through improved interface design.
- Spearheaded a comprehensive analysis of the product development lifecycle, identifying critical user requirements that informed the design process, resulting in massive increase in user satisfaction scores post-launch.

Technical Skills

Programming Languages: C, C++, C#, Python, Java
Databases: PostgreSQL, MySQL
Version Control: Git, GitHub, GitHub Copilot
Developer Tools: VS Code, Visual Studio, Dbeaver
Miscellaneous: Jenkins, Angular, Debugging, Data Analytics, Product Development, Unit Testing and Presentation Skills

Projects

A Travelling Website

- Designed and developed a fully responsive travel website using HTML and CSS.

Big Mart Sales Prediction

- Developed a robust machine learning algorithm to analyze sales trends across diverse cities, processing 10,000 data points to identify key purchasing items, directly optimizing promotional strategies for increase customer engagement.
- Interpreted datasets to generate actionable sights, leading to strategic recommendations that enhanced decision making processes and hence impacting overall efficiency across departments.

Credit Card Fraud Detection

- Conducted a comprehensive analysis on a credit card transaction dataset, encompassing diverse transactions by numerous customers.
- This undertaking underscored my proficiency in leveraging advanced analytical techniques to ensure the security and integrity of financial transactions.

Education

SRM Institute of Science and Technology   Jul 2019 – May 2023
Bachelor of Technology in Computer Science   *CGPA:* 9.57

CH. Chhabil Dass Public School   Apr 2018 – May 2019
Higher Secondary Education in PCM   *Percentage:* 86.8

Awards and Recognition

Top Graduate Performer – Recognized as one of the top performers among new graduates, for exceptional contribution to product development using server-side technologies. Played a key role in enhancing team productivity and driving the success of critical projects.

Certificates

- Programming with C++
- Google Foundations: Data, Data, Everywhere
- Data Structures and Algorithms
- IBM Introduction to Data Analytics