

Abhijeet Banerjee

571-530-7980 | abhijeetbanerjee8421@gmail.com | [linkedin.com/in/abhijeet-banerjee](https://www.linkedin.com/in/abhijeet-banerjee) | github.com/abhijeetbanerjee1

Education

Master of Science in Computer Science - GPA 3.77/4.00 Jan 2022 - Dec 2023
George Mason University Fairfax

Bachelor of Engineering in Computer Engineering Aug 2016 - May 2020
University of Mumbai Mumbai

Relevant Coursework: Component-Based Software Development, Machine Learning, Adv. Natural Language Processing, Software Engineering for WWW.

Professional Experience

Software Engineer Aug 2023 - Present
Nexus 8 International Washington, DC

- Enhanced platform Search engine optimization capabilities, leading to a 45% increase in organic search traffic.
- Converted Figma designs to fully responsive web pages 30% faster than the team average, by using optimized HTML, CSS, and JS working in an Agile environment.
- Enhanced user interface load times by 25% by developing and implementing optimized, reusable ASP.Net Core Blazor components.

Graduate Research Assistant and Project Manager Jul 2023 - Dec 2023
George Mason University Fairfax, VA

- Developed NLP-based tools with Python to automate research, enhancing efficiency and discovering common barriers impacting 80% of students.
- Streamlined data processing and analysis phases, reducing resource used by 70%, while maintaining rigorous academic standards.
- Facilitated enhanced data collection across more than 50 interviews and 200 surveys, maintaining data accuracy and comprehensive detail.

Software Developer Jun 2020 - Dec 2021
Vzxn Mumbai, India

- Implemented a real-time sales analytics feature in the administrative panel, enhancing strategic decision-making by 30% and enriching consumer behavior insights.
- Deployed and managed the application on AWS, using EC2, S3, and RDS to achieve 99.9% uptime, increase scalability by 50%, and enhance user experience.
- Boosted customer engagement by 40% by strategically enhancing the digital interface and user experience, improving customer satisfaction and loyalty.

Skills

Languages, Tools & Databases: JavaScript, C#, JQuery, HTML5, CSS, SQL, Git, JIRA, Slack..

Web Services: Wordpress(CMS), Adobe, RESTful & SOAP API, XML, JSON.

Fundamentals: Software Development Life Cycle, UI/UX Design principles, Object-Oriented Design.

Significant Projects

Book Stack | MongoDB, Express.js, React.js, Node.js

- Developed "Book Stack," a full-stack web application leveraging the MERN stack, enabling users to explore, review, and manage a comprehensive library of books.

Issue Tracker | NextJS, TypeScript, PostgreSQL

- Improved issue resolving by 45% by developing a web application that streamlined registering issues and assigning to users, utilizing NextJs for backend processing and PostgreSQL for database.

Game Explorer | ReactJS, TypeScript, Chakra UI

- Led the development of an effortless application; resulting in a 30% reduction in loading time and resulting in a 40% reduction in query response time.