

Bidipta Bardhan

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EDUCATION

B.Tech in Electronics and Communication Engineering

Techno Main Salt Lake (MAKAUT), West Bengal

CGPA - 9.23 | 2018 - 2022

Higher Secondary

Nava Nalanda High School

Percentage - 85 | 2018

Class - X

Nava Nalanda High School

Percentage - 88.29 | 2016

SKILLS

Languages: C++, JAVA, Python, MySQL

Web Development: Angular, JavaScript, TypeScript, HTML, CSS, Bootstrap, Angular Material

Technology: Git, AWS, MongoDB, Spring Boot, JIRA

WORK EXPERIENCE

INFOSYS | Specialist Programmer

Bengaluru, India | Aug 2022 - Present

- Engineered and sustained the **Provider Life Cycle Management (PLM)** product on the **Infosys Helix Platform**, enhancing provider onboarding efficiency and increasing overall user satisfaction.
- Developed **responsive UI** and integrated **APIs** and implemented **error handling** for improved system stability.
- Built **reusable library components**, ensuring consistency and reducing redundancy, boosting **team productivity by 40%**.
- Implemented **performance optimization techniques**, including **parallel API calls, caching, debouncing, and lazy loading**, resulting in a **30% improvement** in application performance.
- Worked on **data persistence**, writing **clean, readable, and maintainable** code while adhering to **industry standard coding practices**.
- Implemented advanced features, including **Smarty Street integration, geospatial maps, and dynamic charts** to enhance user experience.
- Optimized complex business logic **using Data Structures and Algorithms**, improving both **time and space complexity**, leading to better application efficiency.
- Actively engaged with clients** to understand requirements, **cross-verified** solutions before implementation, and delivered **98% defect-free accurate** solutions.
- Collaborated seamlessly with **cross-functional teams**, leading to **30% reduction in project delivery time**.
- Actively contributed to **Agile practices** by participating in sprint planning, grooming sessions, and retrospective leading to **40% improvement in team efficiency**.
- Conducted **extensive research and analysis**, documenting key findings to contribute to **team knowledge and process improvements**.
- Utilized **AI tools (GitHub Copilot)** to automate repetitive tasks like Angular Testing, reducing **manual effort by 30%**.
- Engaged in **frequent discussions** with mentors and team leads **actively seeking feedback** to enhance technical expertise.
- Attended **multiple workshops** on **Angular, Generative AI, AWS, Azure, GitHub Copilot, Java, and Spring Boot** earning relevant certifications.

KEYSIGHT TECHNOLOGIES | Research and Development Intern Kolkata, India | Nov 2021 - May 2022

- Gained exposure to **software development processes** in a professional R&D environment.
- Observed and learned about **Java, Spring Boot, and REST API development**.
- Assisted in minor debugging and code reviews, improving understanding of **backend development**.

PROJECTS

EKART APPLICATION | Web Development Angular, Bootstrap | October 2022

- Built a **feature-rich e-commerce website**, implementing key functionalities such as:
 - **User Authentication:** Login & Sign-up.
 - **Shopping Features:** Add to Cart, Checkout, Wish-list, and Notifications.
 - **UI/UX Enhancements:** Created a clean and intuitive interface for a seamless shopping experience.
- **Optimized API calls and implemented lazy loading**, improving application performance and responsiveness.

ACHIEVEMENTS

- **Certified AWS Cloud Practitioner**, demonstrating expertise in cloud fundamentals.
- **Received the Special Contribution Award** and achieved an **Outstanding Rating** in the latest appraisal cycle.
- **Earned multiple recognitions** from mentors, tech leads, managers, and higher authorities.
- **Twice a finalist in Infosys Make-a-thon**, showcasing innovative problem-solving skills and teamwork.
- **Solved 500+ DSA** problems in various coding platforms.
- **Earned multiple Infosys certifications** in **Frontend Development, MongoDB, Angular, AWS, Java, and Spring Boot**, validating technical proficiency across full-stack development.