Susmoy Debnath

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Skills

Languages: C/C++, Java, Python, JavaScript, TypeScript, SQL, Go
Technologies & Tools: AWS, Azure, Docker, Jenkins, Terraform, Git, GitHub, Agile, Jira, Kubernetes, k6, ReactJS, Node.js, Express.js, Jest

Work Experience

Itransition   Mar 2025 – June 2025
Software Engineer Intern (*Remote – United States*)

- Contributed to the development of web-based applications by writing clean, maintainable code and implementing new features under the guidance of senior engineers.
- Architected and implemented QIZ Platform, a customizable form builder enabling dynamic creation of quizzes, surveys, and polls.
- Worked independently within an Agile framework, aligning deliverables through regular stakeholder collaboration and feedback cycles.
- Data-modeled complex user and form schemas to optimize performance, enhance data integrity, and support advanced querying features.

Projects

Tech Blog API | *TypeScript, Express, Mongoose, Swagger, JWT, Docker*

- Developed a RESTful API for managing tech blog content, including posts, categories, and user comments.
- Implemented secure authentication and authorization using JWT, ensuring protected access to resources.
- Designed scalable database models and documented endpoints for seamless front-end integration and performance.

EasyShop | *React, Next.js, TypeScript, Tailwind CSS, Prisma, MySQL, Clerk, Stripe Payment*

- SaaS e-commerce and CMS solution for managing multiple online stores from a centralized platform.
- Built a multi-store system with distinct APIs and centralized control for easy store management.
- Integrated secure payment processing with Stripe and provided a user-friendly interface for managing branding, themes, and settings.

Color AI (VS Code Theme) | *JSON*

- Designed a visually appealing theme for Visual Studio Code, featuring a vibrant color palette and focused syntax highlighting to enhance readability and reduce eye strain.
- Added adaptable dark and light modes with optimal contrast and color combinations to improve focus and comfort during long coding sessions. Used by **800+** developers worldwide.

Education

National University of Bangladesh   Sep 2022 – 2026
Bachelor of Business Administration (BBA) in Accounting

- **Technical Courses:** OOP (Java), Data Structures & Algorithms, Discrete Maths, System Design, Operating Systems, ML

Dhanbari Govt. College   June 2018 – 2020
Higher Secondary Certificate (Science)   *GPA: 4.67*

Publications (Book)

Author, *The Entrepreneur's Blueprint: A Guide to Building and Growing Your Business* – Amazon, Nov 16, 2024

- A comprehensive guide outlining strategies for aspiring entrepreneurs to start, manage, and scale businesses effectively.
- Covers key principles of leadership, innovation, and sustainable growth in dynamic markets.

Awards and Certificates

- Certified by Wikipedia (Amar Ekushey Article Competition 2022)
- Front-End & Back-End Developer Professional Certificate by Meta on Coursera
- Machine Learning by DeepLearning.AI on Coursera