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Work Experience

CS Instructor   **Programming Hero**   **Sep 2022–Jul 2023**
Phitron   Full Time, Remote, Dhaka, Bangladesh

- Mentored and supported students in learning C, C++, Python, data structures, algorithms, SQL, and self-development, significantly enhancing their coding proficiency and problem-solving skills.
- Help students to solve their coding problems.
- Responded to student queries on various technical topics, providing clear and thorough explanations to foster a deeper understanding.
- Clarified difficult topics through personalized guidance, increasing student comprehension and confidence.
- Conducted special live sessions on diverse topics, resulting in a 15% increase in student engagement and participation.
- Developed a "Chrome browser extension" and an assignment data storage system, which improved team productivity and workflow efficiency by 40% by enabling efficient assignment management.

Web Instructor   **Programming Hero**   **Jun 2021–Sep 2022**
Web team   Full Time, Remote, Dhaka, Bangladesh

- Supported and mentored students in learning HTML, CSS, JavaScript, React.js, Node.js and self-development, significantly enhancing their coding proficiency and problem-solving skills.
- Help students to solve their coding problems.
- Answer their queries about different topics.
- Help them to understand any topic they find difficult to solve.
- Taking special live sessions on different topics.
- Taking interviews for hiring talents.
- Created a "Chrome browser extension" and an assignment data storage system, enabling my team to view and manage all their assignments, thereby improving overall productivity and workflow efficiency.

Education

- Studied Robotics and Mechatronics Engineering at **University of Dhaka**   **2018-2023**

Technologies and Languages

- **Languages:**   JavaScript, Python, C, C++, SQL
- **Technologies:**   React.js, Next.js, NestJs, Node.js, Express.js, Mongoose, MongoDB, GraphQL, Prisma, MySQL, PostgreSQL, Redux Toolkit, TypeScript, Firebase, tailwindcss, bootstrap, Docker, CI/CD Pipelines
- **Tools:** Postman, Git, AWS, Vercel, Netlify, Github Actions
- **Other:**   Data structures and algorithms, DevOps Practices

Projects

- **DevsRocket:** GitHub | Live
  The **DevsRocket** Application is a Learning and Development Platform. This platform is designed for students and instructors, providing tools to create, discover, and complete courses.This project is built using modern web

technologies, including "Next.j"s, "MongoDB", "TailwindCSS", "shadcn" and "Stripe" for payments, ensuring a seamless and responsive user experience.

- **Hotel-Booking:** [GitHub](#) | [Live](#)
  The **Hotel Booking** Application is a full-stack web application for managing property reservations, user authentication, and property reviews. Users can register, log in (including via Google), book properties, leave reviews, and manage their bookings. Property owners can create, edit, and manage listings with ease.
  This project is built using modern web technologies, including "Next.js", "MongoDB", "TailwindCSS", and "Stripe" for payments, ensuring a seamless and responsive user experience.

Certifications

- **Programming Hero:** Complete Web Development | [Link](#)
- **Learn With Sumit:** Reactive Accelerator | [Link](#)