

Darun Karas Abir

A Computer Science and Engineering graduate with a deep knowledge of core CSE principles, reflected in my outstanding **CGPA of 3.90**. I specialize in the **MERN stack (MongoDB, Express.js, React.js, Node.js)** and have additional expertise in **Next.js, Nest.js, Prisma, PostgreSQL, PHP, Python, and SQL**. With hands-on experience as a **Software Engineer**, I am passionate about crafting scalable, user-focused web applications. Eager to bring innovative ideas and technical excellence to impactful projects.

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EDUCATION

BSc in Computer Science and Engineering Daffodil International University

01/2020 - 03/2024

Hands-on experience in data structures, algorithms, and object-oriented programming (OOP) with proficiency in C, C++, Python, Java, and JavaScript.

– **CGPA: 3.90/4.00**

PROFESSIONAL EXPERIENCE

Software Engineer Intern (Remote) Business Automation Limited || 06/24-01/25

Achievements/Tasks

- Developed and maintained web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js) and Test
- Contributed to code reviews, debugging, and performance optimization and version control with Git and GitHub

Software Engineer Info Inlet

03/2025 - Present

Achievements/Tasks

- React JS, Next JS, TypeScript, Nest JS, Prisma, PostgreSQL, Laravel(UI and auth)
- Independently manage the entire software development life cycle, including planning, coding, testing, and deployment.

PROJECT

1. Chill Gamer

Tools: React, Tailwind CSS, Node.js, Express.js, MongoDB, JWT, Firebase.
Features: 1. Users can add games to their watchlist and manage their reviews with **full secure CRUD** functionality. 2. Data is dynamically sorted, filtered, and searched from **MongoDB** based on user preferences. 3. Integrated with EmailJS to allow users to **send direct messages** seamlessly.
[Live Link](#), [Github](#), [Server](#)

2. BistroBoss- Restaurant Management

Tools: React, React Router, TanStack Query, Axios, React Toastify, DaisyUI, Framer Motion, React Hook Form, Custom React Hooks, Context API, Node.js, Express.js, MongoDB, JWT, Cors, Nodemailer, Bcrypt.js, Stripe JS, Firebase, Middleware. **Features:** 1. **View, create, and manage** customer reservations, while tracking and managing orders in real-time. 2. Overview of **key metrics and restaurant performance**. 3. **Real-time payment** integration with the ability to track payment history, including transaction IDs. [Live Link](#), [Github](#), [Server](#)

3. JP Travel (Mobile Version)

Tools: Next JS, TypeScript, Nest JS, Prisma, PostgreSQL, Next Auth
Features: 1. Search keyword recommendation 2. Like, Review, Share, Report, Save, Mark as helpful 3. Track view, impression, engagement, realtime notification. 4. Google map, nearby spot suggestion with map. [Live Link](#)

SKILLS

Front-End: React JS, NextJS, TypeScript, TailwindCSS, DaisyUI, Material UI, JavaScript, Bootstrap, Shadcn

Back-End: NodeJS, ExpressJS, Firebase, MongoDB, MySQL, Nest JS, PostgreSQL, Prisma

Language: JavaScript, TypeScript, Python, C, C++, PHP, Java

Tools: Postman, Pixso, Figma, Notion, Jira, Git, Github

Comfortable: SDLC(Agile), OOP, DSA, Machine Learning, Deep Learning

OS: Windows, Ubuntu, MacOS, Linux Redhat

EXTRA-CURRICULAR ACTIVITIES

1. Competitive Programming

- Solved 200+ problems in various online judge([URI](#), [Uva](#), [Code Force](#))

2. International Collegiate Programming contest

- Team name: DIU_CodeAlap(2022)

3. DIU Computer Programming Club (CPC) and NLP (01/2020 - Present)

- Executive Member and Lab assistant

4. TAKE-OFF Programming Contest

- Daffodil International University

TRAINING/CERTIFICATES

1. Web Development

Proficient in the MERN Stack, mastered through **Programming Hero**, covering the full web development spectrum from HTML to server-side technologies, focusing on efficient and reliable coding. **Trained by- Programming Hero(Jhankar mahbub CEO of PH)**

2. Dgital Product management (Software)

Customer Understanding, Market Analysis, Strategic Foundations, Competitive Strategy, Product Vision, Leadership, Objectives, Prioritization, roadmapping, MVPs, Agile Development, Discovery, Optimization, Analytics, Marketing, Growth, Feedback, Pricing, Operations, Insights. **Trained by- Ostad (Seeam Shahid noor || AI Product manager IBM)**

3. SQA: Manual & Automated Testing

Testing Tools: Selenium, TestNG, LoadRunner, JMeter | Automation Frameworks: Selenium WebDriver, TestNG | API Testing Tools: Postman, Newman. **By Ostad**

4. Red Hat Certified System Administrator

Red Hat System Administration I (RH124) and Red Hat System Administration II (RH134). **By Udemy**