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# PRANTA DUTTA

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## EMPLOYMENT

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<b>Jr. Software Developer</b>	<b>KDS Group</b>	<b>JUN' 22 - PRESENT</b>
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### KDS QMS

- Orchestrated development from scratch, a React Native app for garment quality control with a .Net Core API.
- Implemented data-driven Angular dashboard, elevating strategic decision-making and showcasing the company's leadership in technology-enhanced quality control.

### KDS TLS

- A Traffic Light System using React Native and .NET Core API, that measures garments operator performance on each and every garment worker.

### KDS Ubuntu Server

- Designed and implemented a robust Ubuntu server infrastructure for company operations, featuring GitLab, SSH, Docker, and GitLab CI/CD, with comprehensive Health Checks services and a meticulous backup and restore policy for system resilience.

<b>Front-end Engineer</b>	<b>Trigan</b>	<b>FEB' 22 - JUN' 22</b>
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- Independently conceived and developed the primary Next.js website for Trigan.org.
- From inception to deployment, single-handedly crafted the comprehensive Trigan.org website.

<b>Software Engineer, Intern</b>	<b>ZorgIT Group</b>	<b>DEC' 22 – FEB' 22</b>
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- Contributed to the success of Dealizzle, an e-commerce platform, through active development and optimization, fostering a seamless online shopping experience.
- Drove the digital presence of Arcon Interior by architecting and implementing their website, showcasing the company's portfolio and services with a focus on user engagement.

## EDUCATION

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<b>Chattogram</b>	<b>Premier University</b>	<b>Fall 2016 – June 2021</b>
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- B.Sc. in Computer Science Engineering, June 2021. GPA: 3.21.
- Undergraduate Coursework: Structure Programming; Object Oriented Programming; Computer Architecture; Algorithms; Artificial Intelligence; Operating Systems; Databases; Programming Languages.

## TECHNICAL EXPERIENCE

### Projects

- **GrayScale, A P2P Lending Platform** – A web-based applications where users can lend and borrow money from one another with instant money transactions and real-time notifications. Next.js, Laravel, MySQL (github.com/theprantadutta/final-frontend)
- **Blogify**: An awesome blog where users can create, delete and update blogs after signing up. They can also like and comment on each other's posts. Next.js, MySQL, Prisma (github.com/theprantadutta/blogify).
- **Chat System**: A chat room where users can authenticate and chat with each other. Next.js, Prisma (github.com/theprantadutta/chat-system).

### ADDITIONAL EXPERIENCE AND AWARDS

- Created various automation tools including diverse internal tooling systems and backup mechanisms.
- Created various IOT projects including Fire Detection Systems, Quality Tracking Systems etc.
- Worked as a freelancer for about six months.

### Languages and Technologies

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- Javascript, Typescript, C#, Go, Rust, SQL; Node.js, Next.js, Flutter, ASP.Net Core, Laravel;
  - DevOps, CI/CD, Bash Scripts, Docker, Docker Compose etc.