#107/A Panchlaish
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PRANTA DUTTA

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EMPLOYMENT

Jr. Software Developer	**KDS Group**	**JUN' 22 - PRESENT**

KDS Portal
- Streamlined employee management and improved access to HR services with a secure, real-time employee portal app integrated with internal HRMS.

KDS Zakat
- Enhanced Zakat distribution transparency and fraud detection through real-time NFC-based tracking, improving accountability and user awareness.

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.

Front-end Engineer	**Trigan**	**FEB' 22 - JUN' 22**

- Independently conceived and developed the primary website for Trigan.org with Next.js.

Software Engineer, Intern	**ZorgIT Group**	**DEC' 22 – FEB' 22**

- 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

Chattogram	**Premier University**	**Fall 2016 – June 2021**

- 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)
- **FilmMate:** Created a Flutter app for browsing and searching movies by genre, with detailed information and new releases and notifications about movie events. (github.com/theprantadutta/filmmate_flutter_app).
- **Better Clock:** Built a clock app featuring alarms, a world clock, stopwatch, and timer functionalities for comprehensive time management. (github.com/theprantadutta/better_clock_flutter_app).

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.

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