

MANASH PRATIM KALITA

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WORK EXPERIENCE

Software Engineer Intern — Prakity Technologies

Mar 2026 - Present

Technical Stack: React.js, Node.js, Laravel, MySQL, JavaScript, Tailwind CSS, REST APIs, Git

- **Full-Stack Development:** Architected and deployed production-ready web platforms, notably building the end-to-end frontend ecosystem for **Tripozy Travels**.
- **Admin Panel Engineering:** Designed and implemented multiple custom admin dashboards across different client sites using React, Node.js, and Laravel to streamline content and user management.
- **Database & Optimization:** Managed relational data mapping with MySQL and engineered responsive, mobile-first layouts with optimized asset delivery pipelines to minimize latency.
- **Feature Integration:** Built modular interactive components and integrated third-party communication APIs to enhance user engagement and conversion funnels.

Android Development Intern — Homedrop

May 2024 - July 2024

Technical Stack: Kotlin, Java, Android Studio, Jetpack Compose, REST APIs, Git, Retrofit

- **Mobile Application Engineering:** Contributed to building and optimizing feature modules for the native Android app utilizing modern component architecture.
- **API Integration & Data Binding:** Integrated RESTful APIs via Retrofit to map dynamic cloud workflows seamlessly to UI layers, ensuring responsive runtime states.
- **UI/UX Optimization:** Refactored application layouts to adhere to Material Design standards, reducing interface rendering latency and improving local memory usage profiles.

PROJECTS

Multilingual Sentiment Analysis System

Technical Stack: Python, PyTorch, BERT, Transformers, Deep Learning, Librosa

Description: Built a multimodal NLP and audio pipeline for sentiment classification in low-resource languages. Fine-tuned BERT and implemented acoustic feature extraction models to process text and audio datasets.

Gate Pass Management System

Technical Stack: Java, Python, SQL, REST APIs

Description: Engineered a secure, automated workflow system to manage digital check-ins, approvals, and visitor access. Implemented role-based access control and integrated database systems to log real-time entry/exit logs.

Personal Expense Dashboard

Technical Stack: React.js, JavaScript (ES6+), HTML5/CSS3, Chart.js / Recharts

Description: Developed a responsive frontend analytics application featuring real-time transaction tracking. Integrated dynamic KPI components and statistical data visualization modules to forecast spending trends.

Tripozy — www.tripozytravels.com

Technical Stack: JavaScript, HTML5, CSS3, Tailwind CSS, Responsive Design

Description: Engineered a high-performance web platform for a travel agency, featuring optimized asset delivery, custom interactive media components, and direct API integrations to drive user conversion.

EDUCATION

2026 BTECH in Information Technology at **Gauhati University**
2021 Higher secondary education from **Faculty higher secondary school**

CERTIFICATIONS

Machine Learning [Machine Learning Using Python](#) – NIELIT
Cybersecurity [Play It Safe: Manage Security Risks](#) – Coursera (Google)

SKILLS

Languages & Frameworks	Kotlin, Java, React.js, Node.js, Laravel, JavaScript, Python, SQL, Tailwind CSS
Tools & Databases	MySQL, Git, REST APIs, Android Studio, Jetpack Compose, AWS
Core Competencies	System Design, Full-Stack Development, Native Mobile Architectures