

AKASH KUMAR

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Education **Bachelor of Technology in Computer Science**
2021 – 2025

[Amity University Patna]

TECHNICAL SKILLS

- **Frontend:** React.js, HTML5, CSS3, Tailwind CSS, Bootstrap
- **Backend:** Node.js, Express.js, REST APIs
- **Database:** MongoDB (Atlas), Mongoose
- **Authentication:** JWT, Google OAuth, OTP Verification
- **Real-time:** WebSocket, Socket.io
- **Tools:** Git, Postman, VS Code, Netlify, Heroku

PROJECTS

Online Exam Test Portal

[React.js, Bootstrap/Tailwind CSS, Node.js, MongoDB, WebSocket]

A complete exam solution for online tests with multi-role support.

User Roles: Admin, Teacher, Student – with role-based access control. **Test Creation & Management:** Supports MCQs, coding tests, and subjective questions. **Timer & Auto-Submission:** Built-in timer with automatic test submission upon timeout. **Result Analysis:** Instant result generation, reports, and detailed analytics for each student. **Secure Browser Mode:** Prevents cheating via restricted controls during the exam. **Tech Highlights:** **Frontend:** React.js, Bootstrap/Tailwind CSS for responsive design. **Backend:** Node.js (Express.js) with RESTful APIs. **Database:** MongoDB for scalable data management. **Authentication:** JWT + OAuth for secure login. **Real-time:** WebSocket (Socket.io) for live updates and notifications.

FoodXpress – Online Food Delivery App

[React.js, Tailwind CSS, Node.js, MongoDB]

A full-stack food delivery application with real-time features.

Developed a **responsive frontend** using React.js and Tailwind CSS for seamless mobile/desktop experience. **Key Features:** Browse restaurants and menus. Add to cart, place orders, and track deliveries in real-time. Profile & settings sidebar with a smooth UI. Notifications & feedback system. Role-based dashboards (Admin, Restaurant, User).

Authentication: Implemented JWT, Google Login, and OTP-based login for secure authentication. **Payments:** Integrated multiple payment methods (UPI, Cards, Cash on Delivery). **Backend:** Node.js + Express with MongoDB (Atlas) for data storage and management. **Real-time Order Tracking:** Built with Socket.io for live order status updates. **Learnings:** Full-stack architecture management, securing real-time apps, and optimizing mobile-first designs.

CERTIFICATIONS

- MERN STACK - C-DAC, PATNA

Internship

- Cognifyz Technologies