Utkarsh Sinha

Banaras Hindu University, Varanasi, India

 +91 7518075299   github.com/UtkarshDevv   utkarshsinha2122@gmail.com   LinkedIn   Portfolio

Education

Banaras Hindu University **2022 − 2025**
Bachelor's Of Vocation In Computer Applications *Varanasi*

Projects

- **Occult369 — AI-Powered Numerology & Payment Platform — React Native, Node.js, Razorpay, Google Gemini AI, MongoDB, HTML-to-PDF** :
  - Developed a full-stack mobile app for personalized numerology reports, integrating AI analysis via Google Gemini API and secure payments with Razorpay.
  - Built REST APIs with authentication, error handling, and controllers for numerology processing, PDF generation, and payment workflows.
  - Implemented dynamic HTML-to-PDF generation for branded downloadable reports.
  - Created a responsive React Native UI with payment flow and report display screens for cross-platform deployment.
- **Indian Financial Management SaaS — React Native, Node.js, MongoDB, GST APIs** :
  - Built a GST-compliant business management platform automating tax calculations (CGST, SGST, IGST).
  - Created real-time financial dashboards for sales, expenses, and tax tracking.
  - Developed secure REST APIs for transaction processing, reporting, and role-based access.
- **QuizCraft.in — AI-Powered Document-to-Quiz Generator — React.js, Node.js, OpenAI GPT-4, OCR** :
  - Created an AI-driven platform that converts documents into interactive quizzes using OpenAI GPT-4 API.
  - Integrated Tesseract.js OCR for scanned PDFs with multi-format support (PDF, DOCX, images).
  - Built a batch processing pipeline reducing analysis time by 60% and a responsive quiz UI.

Experience

Software Development Engineer Intern **Dec 2024 − Jun 2025**
Staffchahiye.com *Varanasi*
  - Architected and developed a scalable job platform handling 1,500+ daily applications using React.js, Node.js, and MongoDB.
  - Integrated WhatsApp Business API, Payment Gateway, and Meta Pixel.
  - Built a WebSocket-enabled analytics dashboard, reducing hiring cycle time by 40%.

Full Stack Developer Intern **Aug 2023 − Dec 2024**
OpyraInfotech *Varanasi*
  - Developed AIC BHU mobile app with React Native, Expo, real-time sync, push notifications, and responsive UI.
  - Built dynamic web apps in React.js with modern state management and RESTful APIs.
  - Created custom WordPress themes/plugins with SEO optimization and e-commerce, improving load times by 40%.

Technical Skills

- **Frontend**: React.js, React Native, Expo, TypeScript, JavaScript, Redux, Tailwind CSS, Material-UI
- **Backend**: Node.js, Express.js, Python, Flask, Django, REST APIs, WebSocket, Microservices
- **Databases & Cloud**: MongoDB, MySQL, Redis, AWS (EC2, S3), Firebase, Docker
- **Languages**: JavaScript, TypeScript, Python, Java, C++
- **Tools**: Git, GitHub, VS Code, Postman, Linux, Apache, Nginx, VPS, GenAI.