

# Surya Narayan Dash

Portfolio

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## Education

### Odisha University of Technology and Research (CET Bhubaneswar)

B.Tech in Computer Science and Engineering | 2023 - 2027 | CGPA: 9.26

## Experience

### Member @ Zairza Technical Club

#### Frontend Developer

Sep 2023 - Present

**ReactJS, NextJS, MongoDB, NodeJS, ExpressJS**

- Spearheaded frontend development across multiple MERN stack projects, optimizing code maintainability, scalability, and user experience for 600+ users.
- Mentored junior members on ReactJS best practices, component design, and state management, improving team development velocity.

### Intern @ Zidio Development

#### Full-Stack Developer

June 2025 - July @025

**ReactJS, NodeJS, ExpressJS, MongoDB, Chart.js, Three.js, SheetJS, JWT**

- Developed Excel Analytics, enabling secure Excel uploads, AI-powered insights, and 5+ interactive 2D/3D visualizations for 100+ users.
- Engineered an AI-driven analytics layer (Gemini Flash) that identified patterns, detected anomalies, and generated business-ready recommendations in real time.

## Projects

### Excel Analytics

#### Full-Stack Web Application

June 2024 - Aug 2024

**ReactJS, Bootstrap, CSS**

- Developed during internship at Zidio; enabled 100% in-browser Excel upload/analysis, built 5+ interactive chart types (2D/3D), implemented JWT-based authentication, and integrated AI insights (Gemini Flash) to auto-generate data summaries. Optimized for dark mode, exports (PNG/PDF), and dashboard history.

### SnipSave

#### MERN Stack Web Application

Nov 2024 - Nov 2024

**ReactJS, NodeJS, ExpressJS, MongoDB**

- Engineered a full-stack code snippet manager serving 100+ users, enabling secure snippet creation, editing, sharing, advanced search, and real-time sorting.
- Implemented JWT-based authentication, syntax highlighting via Prism.js, MVC architecture, and OWASP-compliant security protocols.
- Planned scalable features like real-time collaboration, usage analytics, and offline access for enhanced user engagement.

### Zairzest 4.0

#### Annual Tech Fest Platform (OUTR)

Nov 2024 - Nov 2024

**ReactJS, Tailwind CSS**

- Contributed as a Front-end Developer for Zairzest 4.0, handling 600+ registrations across 11 events. Developed a robust MERN stack application with features like unique ZenID generation for participants, high traffic handling with zero downtime, and a fully responsive user interface.

### Maadhyam

#### Donation Platform

April 2025 - April 2025

**ReactJS, TailwindCSS, MongoDB, NodeJS**

- Delivered a full-stack donation platform within 48 hours, connecting donors and recipients across 50+ live listings.
- Architected role-based access control, real-time data sync, CRUD operations, notifications, analytics dashboards, and JWT-based secure logins.
- Achieved seamless multi-role user management with fully responsive UI/UX across devices.

## Skills

### Languages:

C, C++, Python, SQL, Javascript,

### Technologies & Tools:

HTML5, CSS, UI/UX, Bootstrap/TailwindCSS, ReactJS, NextJS, NodeJS, ExpressJS, MongoDB