

# Prabhakar Kumar

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## Skills

**Languages:** C/C++, JavaScript, TypeScript, SQL, HTML5, CSS3

**Technologies & Tools:** React.JS, Next.JS, Node.JS, Express.JS, OpenUI5, Tailwind CSS, PostgreSQL, MongoDB, Redis, Docker, GitHub Actions (CI/CD), Git, WebSockets, Prisma, AWS, SAP BTP, SAP S/4HANA, Data structures, Algorithms

## Work Experience

**PwC India, Kolkata**

August 2023 - Present

### Associate Developer

- Developed a robust solution to efficiently manage and update PwC internal projects used across more than 12 PwC territories, significantly improving business operations.
- Designed and built an easy-to-use dashboard that centralizes project information, simplifying the management of multiple projects and greatly enhancing the user experience.
- Implemented automated updates for multiple projects, reducing manual work by over 50% and simplifying updates for team assignments, payment schedules, deadlines, and client information.
- Enhanced data maintenance, boosting user productivity by 30% by combining multiple SAP S/4HANA Public Cloud applications into one interface, reducing clicks and screen loads, and providing real-time project insights.
- Led the creation of automated deployment pipelines ensuring seamless continuous integration and delivery (CI/CD), cutting deployment times, increasing release cadence, and bolstering application security.

## Project Work

- **AIContentHub** | 🐙 [GitHub](#)
  - Developed an AI-powered blogging platform enabling seamless content creation, real-time collaboration with role-based access (editor/viewer), and community engagement.
  - Designed and integrated AI tools, including an AI chat assistant for blog writing support and smart blog title suggestions based on content.
  - Implemented advanced features, including a comment system with CRUD functionality, upvote/downvote mechanisms, and like/unlike tracking for blogs.
  - Built a mobile-first, fully responsive design ensuring a smooth user experience across devices.
  - **Tech Stack:** TypeScript, Frontend (React, Tailwind CSS), Backend (Cloudflare Workers, Hono.js, Prisma ORM), Database (PostgreSQL), Validation (Zod), Authentication (JWT)
- **Cloud IDE** |
  - Developed an Online IDE enabling seamless execution of long-running backend and frontend applications, featuring a robust code editor, file management, and integrated terminal.
  - Leveraged Docker and AWS to isolate user environments, scale resources dynamically with Auto Scaling Groups, and securely manage user data and project files using AWS S3.
  - Implemented a modern stack with Node.js, Express.js, and React.js to build responsive interfaces, handle API operations, and optimize container startup times for enhanced user experience.
  - **Tech Stack:** Docker/Containerization, NodeJS, ReactJS, ExpressJS, AWS ASGs, AWS S3

## Education

**Haldia Institute of Technology**

B.Tech in Computer Science and Engineering

Aug 2019 - Jun 2023

**CGPA: 8.93/10**

## Awards

- **PwC India**  
**Exceptional Contributor Award (Above and Beyond Award Individual)** Recognized for exceptional performance in tackling complex challenges and delivering impactful results beyond regular responsibilities.