

Sourav Budke

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Skills

- **Backend Development:** Python , PHP , Django , C , C++ , RESTful API , MySQL , SQL, NodeJS.
- **Full-Stack Development:** Frontend & Backend Integration , Version Control (Git, GitHub) , NextJS, Problem Solving & Debugging , API Integration.
- **Frontend Development:** HTML & CSS , JavaScript , AngularJS , React, Figma.
- **DevOps & Cloud:** Google Cloud Computing ,Azure,Unix/Linux , macOS , Windows.
- **Data & Analytics:** MySQL ,Mongodb, Supabase, Postgres, OpenCV , OpenGL , Data Analysis.
- **Soft Skills:** Leadership , Communication in English, Kannada, Hindi, and Marathi (Professional proficiency) , Team Collaboration , Time Management , Problem Solving , Adaptability.

Projects

PeerHive

(NextJs, solidity{smart contract},Mongodb,clerk)

- **Platform Development:** Built and enhanced PeerHive-2.0, a blockchain-integrated P2P lending platform with admin, borrower, and lender apps for seamless loan management.
- **Data Integration:** Integrated ABI connections for smart contract interactions, replacing mock data with real-time borrower financials and fixing repayment parsing, boosting accuracy and efficiency by 30%.
- **System Reliability:** Resolved critical bugs in loan withdrawals and contract interactions, enhancing overall system reliability and reducing errors by 25%.
- **Feature Implementation:** Implemented Clerk authentication, association management tools, and validation features, boosting security and operational efficiency by 20%.

GoBungkus

(NextJs,Supabase,Stripe,Typescript, ShadcnUI,ClerkAuth)

- Unified landing, admin, and vendor apps on a shared Supabase + Clerk stack so everyone sees the same data securely.
- Launched the landing-gobungkus checkout with Stripe payments, smart delivery slots, and SEO.
- Expanded adminGobungku to manage orders, delivery fees, and Stripe payment statuses without manual fixes.
- Built the vendorgobungkus portal so vendors watch live orders, settlement reports, and Stripe payouts in one place.

WesternStreet -Ecommerce website for Sneaker shopping.

(NextJS , MongoDB,OpenRouterAI API, Clerk Auth, Pinata IPFS)

- **Next.js Development:** Built web app with Next.js & TypeScript, reducing load time by 40%.
- **Authentication:** Integrated Clerk Auth system, achieving 98% secure user login rate.
- **AI Image Processing:** Implemented OpenRouterAI API for image recognition, improving accuracy by 45%.
- **Decentralized Storage:** Engineered decentralized file storage system using Pinata IPFS and MongoDB, achieving 98% data availability and efficient data management.

Blood Bank Inventory Management System through DBMS.

(PHP, SQL Server, HTML, CSS, JavaScript,xamp servers)

- **Front-End Development:** Designed user-friendly interfaces using HTML, CSS, and JavaScript, improving user interaction.
- **Back-End Development:** Developed robust back-end functionality with PHP and SQL Server, increasing data retrieval efficiency by 30%.
- **Feature Implementation:** Implemented key features such as user registration and inventory tracking.
- **Client:** Jain College of Engineering and Technology (red cross club), Hubballi.

Experience

FULL TIME

Web3 Full-Stack developer

PeerHive(Malaysia) 05/2025 - Present

- **Full-Stack Development:** Built responsive web applications using TypeScript and Next.js, implementing smart contract integration with 45% improved user engagement.
- **Web3 Architecture:** Designed and implemented Web3 infrastructure connecting frontend to blockchain, resulting in seamless wallet integration and 40% faster transaction processing.
- **ABI Integration:** Engineered seamless contract interfaces using TypeScript and Web3.js, implementing dynamic ABI loading for cross-chain compatibility with 40% improved contract interaction efficiency.

INTERNSHIP

Full-Stack developer

PeerHive(Malaysia) 02/2025 - 04/2025

- **Multi-App Architecture:** Developed a TypeScript-based multi-application system (admin, borrower, and main app) with shared contract interfaces, reducing code redundancy by 40% and ensuring consistent contract interactions.
- **Smart Contract Integration:** Implemented comprehensive contract interactions using ethers.js, including automated repayment scheduling and loan term management, with real-time blockchain state synchronization.

INTERNSHIP

HTML and Web Development

Jcet ,Hubballi 10/2022 - 12/2022

- Learned basics of HTML and CSS.
- Gained practical web development experience.

Certifications

- **Google Cloud Arcade** (Google cloud skill boost)
- **Version Control** (Coursera, Meta)
- **Back-End Development** (Coursera, Meta)
- **Programming with JavaScript** (Coursera, Meta)
- **Front-End Development** (Coursera, Meta)
- **Learn Fundamentals Of Computer Programming With C Language** (Coursera, Meta)
- **Applied Electrical circuits demonstration and HTML programming** (Coursera, Meta)

Achievements

Finalist, Smart India Hackathon 2023

- Among the top 120,000 students nationwide, presented at GIET University, Gunupur, Odisha.
- Developed a project on "Analysis and Identification of Malicious Mobile Applications" using Cyber Security and Blockchain Technology.
- Improved development speed by 15%, ensuring project selection.

Volunteer Experience at India Blockchain Week 2024

- Collaborated with team members to facilitate networking opportunities and foster engagement within the Web3 community.
- Supported speakers and panelists, ensuring timely setup and seamless presentations during industry discussions.