Pancham Kumar

Software Developer

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Profile

Seasoned IT professional with over 4 years of hands-on experience as a Node.js Developer, specializing in developing and deploying scalable, high-performance web applications. Proficient in a broad array of technologies including Node.js, MongoDB, MySQL, React.js, and Next.js. Adept at problem-solving and leading projects to successful completion, with a proven track record of delivering innovative software solutions. Committed to providing outstanding end-user support and contributing to the success of dynamic teams. Ready to leverage a comprehensive skill set to enhance operational efficiency and drive impactful project outcomes.

Professional Experience

Sr. Software Developer, *Navgrahaa Gems Pvt Ltd.*
12/2024 – present
Mumbai, India
- Jodi Search Optimization: Designed and implemented an efficient *Jodi Search* feature using Node.js, reducing stone search time by 60% and significantly lowering diamond procurement costs by optimizing pair selection
- Vendor Feed Integration: Developed a seamless Vendor Feed ingestion feature in the existing system to automatically import external diamond data into our database. This improvement helped the internal team access more inventory, resolved major delays, and ensured timely product delivery to customers.
- Database Management: Responsible for handling CRUD operations across multiple modules, ensuring high availability and performance of data-related tasks in PostgreSQL.

Software Development Engineer II(E-commerce B2B Platform), *Diamondsoncall*
12/2022 – 11/2024
Mumbai, India
- Application Development: Designed, developed, and maintained the Diamonds on Call platform using Node.js, React.js, and MySQL, delivering a high-performance and scalable solution.
- Database Optimization: Improved MySQL database schemas and indexing strategies, achieving 30% faster data retrieval and enhancing overall backend efficiency.
- API Development: Built and maintained RESTful APIs for seamless communication between client-side interfaces and backend services.
- Cross-Functional Collaboration: Collaborated with UX/UI teams, product managers, and fellow developers to ensure successful and timely project delivery.
- Mentorship: Provided technical mentorship to junior developers, sharing best practices in coding, debugging, and application design, fostering a strong team culture.

contractor (I-Aspire Tool Development), *Accenture*
05/2021 – 11/2022
Banglore, India
- Tool Development: Contributed to the development and ongoing maintenance of *I-Aspire*, an internal enterprise tool aimed at improving employee productivity across Accenture.
- API Development: Designed, developed, and integrated RESTful APIs using Node.js and MySQL Server, enabling scalable backend functionality and efficient data handling.
- User Support & Issue Resolution: Actively engaged with users via calls, diagnosed technical issues, and provided real-time solutions to ensure minimal downtime and enhanced user experience.

Skills

JavaScript | TypeScript | Node.js | Express.js | LoopBack 4 | React | Next.js | MySQL | MongoDB | Git | GitLab | Docker

Education

Master of Computer Application, *Ranchi University Ranchi*
07/2020 – 10/2020
Ranchi, India

Projects

Diamonds on Call – Customer Portal, *Tech Stack: Node.js, React.js, MySQL* ⧉
Developed a country-specific customer portal for ordering diamonds online, similar to e-commerce platforms like Amazon or Flipkart.
- Enabled customers to search, filter, and purchase diamonds with real-time availability.
- Implemented secure authentication and integrated order management workflows.
- Increased order efficiency and reduced manual coordination between sales and support teams.
- Optimized performance for large inventory queries and ensured mobile responsiveness.

Diamonds on Call – Supplier Portal, *Tech Stack: Node.js, React.js, MySQL* ⧉
Built a supplier-facing portal to allow diamond suppliers to manage their listings and track order-related information.
- Enabled suppliers to update inventory, view order history, and manage transactions.
- Streamlined backend APIs to sync supplier data with the customer portal.
- Reduced onboarding time for new suppliers and simplified data entry operations.
- Integrated supplier notifications for faster updates on orders and stock status.

Diamonds on Call – Admin Portal, *Tech Stack: Node.js, React.js, MySQL* ⧉
Developed a centralized admin platform to manage users, suppliers, inventory, and reports.
- Implemented modules like User Management, Supplier Onboarding, Stock Management, and Reporting.
- Built role-based access and dashboards for smooth internal operations.
- Allowed business stakeholders to access real-time metrics and improve decision-making.
- Ensured secure and scalable admin workflows for multi-level user access.

JHSSF – Finance Portal, *Tech Stack: Core PHP, React.js, MySQL* ⧉
Developed a finance management platform for the SSF Group to track and manage their financial history and transactions.
- Implemented modules for financial record-keeping, transaction history, and reporting.
- Ensured secure data handling and improved financial transparency across departments.
- Enabled finance team to identify trends and manage monthly closures efficiently.
- Delivered intuitive UI for non-technical users to manage financial data.

NayaKart – B2B E-commerce Platform, *Tech Stack: Laravel, React.js, TypeScript, MySQL* ⧉
Developed a B2B e-commerce platform focused on electronics goods for wholesale buyers and distributors.
- Built features for product listing, bulk ordering, order tracking, and user authentication.
- Ensured scalable architecture and responsive UI for smooth business transactions.
- Integrated payment gateways and built-in user permission levels.
- Enhanced product discovery with search, filters, and recommendation logic.

Incident Management Tool, *Tech Stack: Node.js, MongoDB*
Developed a custom Incident Management Tool to log, track, and resolve internal system or operational issues efficiently.
- Enabled teams to report incidents, assign ownership, set priority levels, and track resolution timelines.
- Designed a flexible data model using MongoDB for quick incident retrieval and filtering.
- Improved issue resolution time and enhanced visibility into recurring system problems.
- Added notification system and reporting for better incident tracking and SLA compliance.

E-Voting System, *Tech Stack: PHP, MySQL, HTML/CSS*
Built a secure and user-friendly E-Voting platform to digitize college election processes.
- Developed modules for user authentication, vote casting, and real-time result display.
- Ensured one-person-one-vote logic, with proper validations and backend security.
- Designed a clean UI for easy access and voting experience.
- Helped digitize the voting process for over 500 students, reducing paper-based errors.