Debashis Behera

7327006672
debashis.beheraa1@gmail.com

Carrier Objective

Experienced Developer with **3.6 years of hands-on experience** as a **Software Engineer**. I have honed my skills in developing robust and scalable software solutions. My journey in the tech industry has equipped me with a deep understanding of various programming languages in **web technologies** including **JavaScript**, **jQuery**, **Node.js**, **Express**, **frameworks** and **methodologies**. I have successfully contributed to multiple projects, leveraging my expertise to solve complex problems and deliver high-quality products.

Educational Qualifications

Master of Computer Applications (MCA) from KIIT University, with 6.2 CGPA in the year of 2019.
Bachelor of Computer Applications (BCA) from fakir Mohan University, with 63% in the year of 2017.

Technical Skills

Technical Skills: JavaScript, AWS, Kubernetes, ECS, Docker, Jenkins, Nginx, jQuery, REST API, React.js, MongoDB, PostgreSQL, Express, Node.js, Postman, Version Control, Bootstrap.
Core Competencies: Full Stack Development, SDLC, Critical Thinking, Agile Methodologies, Adaptability, Conflict Resolution, Problem Solving, Project management, Interpersonal Skills.

Work Experience

- **3.6 Years** of Experience as a **Software Engineer** at **Dataevolve Solutions, Hyderabad (2021 - Present)**

- Designed and executed proactive monitoring and troubleshooting frameworks, cutting system **downtime By 40%** and significantly **improving service reliability**.

- Partnered with the team lead to identify, prioritize and **resolve high-impact production issues**, streamlining Workflows and enhancing customer satisfaction by minimizing disruptions.

- Supervised cross-functional frontend and backend teams by delegating tasks, tracking progress and reallocating Resources effectively, **leading to a 20% boost in productivity** and adherence to project timelines.

- Built and **deployed a robust CI/CD pipeline** to automate deployments across development and production Environments, ensuring **seamless and reliable release processes**.

- Developed **automated error detection** and alerting systems for unhandled exceptions, enabling swift issue Identification and resolution, **reducing system downtime** and enhancing user experience.

- Identified errors in code that resolved a security issue, resulting in **40% reduction in errors increasing Customer satisfaction by 93%.**

<u>Projects Handled</u>

Project 1: Teamify - Team Collaboration and Project management Tool:

Developed a backend system for **Teamify**, a project management and team collaboration tools.
Enables users to create projects, assign tasks, set deadlines, track progress and communicate
With team members.
Supports multi-tenant architecture to serve multiple organizations with isolated data.
Built a secure **authentication** system with **JWT** and session management using **Express session**. Role-based **access control** (Admin, Project Manager, Team Member).
Password reset functionality using email with **NodeMailer.**
CRUD operations for projects and tasks. Task assignments with deadlines, priorities and progress tracking.
Support for recurring tasks and bulk task updates.
Implemented **WebSocket**-based real-time notifications for task updates and team activity. Email reminders for upcoming tasks.
Built and audit logging system to track actions like task updates, user activity and status changes. Provided **API endpoin**ts to fetch activity logs with filters.
RESTful APIs for **integration** with frontend and mobile applications.
Used Swagger for API documentation and testing.
Enabled file uploads for task-related documents, stored securely using **AWS S3**. Provided endpoints to **uploads, download and delete files**.
Created APIs to generate project reports, including task completion rates and team performance metrics.
Real-time dashboards using Redis for caching frequently accessed data.
Optimized database queries and implemented caching using Redis. Designed the system with microservices architecture for scalability. Deployed the application in a **Docker** containerized environment on **AWS ECS**.
Backend Framework: **Node.js with Express.js.**
Database: **PostgreSQL** for relational data, **MongoDB** for audit logs and analytics.
Authentication: **JSON Web Tokens (JWT), bcrypt** for password hashing.

Reduced API response times by 50% with database query optimizations and caching. Enabled smooth collaboration for over 10,000 active users in the data phase. Achieved 99.9% system uptime through proactive monitoring with Prometheus and Grafana.

Project 2: GrowthFund – Startup Accelerator platform

Developed the backend for GrowthFund, a platform that connects startups with investors.

Facilitates funding applications, due diligence tracking, investor-startup matchmaking, and performance Analytics.

Uses a scalable, **microservices-based architecture** to support a growing ecosystem of users.

Created **APIs** for managing user profiles. Startups can showcase pitch decks, funding requirements and business metrics. Investors can specify funding interests, sectors and ticket sizes.

Built a module for startups to submit funding requests. **Implemented** approval workflows for applications, including, stages for review, due, diligence and funding Disbursement.

Developed algorithms to match startups with investors based on criteria like industry, funding stage and Geography. Delivered recommendations via **REST APIs** with filtering options.

Supported secure upload and sharing of pitch decks, financial reports and legal documents using **AWS S3**.

Added role-based access to sensitive document viewing.

Implemented email and in-app notifications for application update, approvals and investor-startup messaging.

Integrated a live chat feature using **Socket.IO.**

Provided real-time metrics for startups. Used Redis for caching frequent queries.

Built microservices for user management, funding workflows and notifications. Integrated an **API gateway** for service communication and security.

Integrated with Stripe to process fund disbursements and subscription fees for premium platform features. Successfully onboarded 500+ startups and 200+ investors during the initial launch phase. Improved investor engagement by 25% through personalized recommendations. Reduced server costs by 20% with optimized query execution and caching strategies. Achieved 99.8% uptime with robust monitoring and alerting mechanism.

Project 3: CoreControl – Business Process Automation Platform

Developed the backend system for **CoreControl**, a platform designed to help businesses streamline operations, Automate workflows and manage resources efficiently. The system offers modules for task automation, Employee management, resource allocation and performance tracking.
Implemented secure **JWT**- based authentication with multi-role access.
Created user onboarding workflows, including email verification using **NodeMailer.**
Managed hierarchical team structures and permissions.
Built **APIs to create**, **assign and manage tasks** with configurable workflows.
Supported conditional task triggers based on events like task completion or deadline misses.
Allowed admins to define task templates for recurring processes.
Developed **APIs for managing company resources**. Integrated a scheduling
System to allocate resources dynamically based on task requirements.
Provided real-time dashboards to track individual and team performance.
Built **APIs to generate reports on resource utilization** and workflow efficiency. Implemented predictive analytics using machine
Designed a modular system for integrating third-party tools like **Slack, Trello and Google Calendar**. Used Webhooks to synchronize task updates with external tools.
Automated 60% of repetitive workflows for businesses, improving operational efficiency. Achieved
Adoption by over 50 mid-sized companies within the first six months of deployment. Reduced manual
Resource allocation time by 70% with intelligent scheduling. Delivered insightful reports that helped
Managers make data-driven decisions, leading to a 20% increase in team productivity.