

Arghya Ghosh

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Professional Summary

Full Stack Developer | **Java Developer** | **React.js Developer** | **Node.js Developer** Results-driven developer with expertise in **Java, JavaScript, React.js, Node.js and MySQL**. Skilled in building high-performance scalable applications with clean, maintainable code. Experienced in **REST API development, CI/CD pipelines, cloud integration, and Agile methodologies**. Passionate about delivering impactful solutions that enhance performance and user experience.

Technical Skills

- **Languages:** Java, JavaScript, HTML, CSS, SQL, Python, TypeScript
- **Frontend:** React.js, Bootstrap, Tailwind HTML, CSS
- **Backend:** Node.js, Express.js, FASTAPI
- **Database::** MySQL, PostgreSQL
- **Tools & Platforms:** Git, GitHub, CI/CD Pipelines, Postman
- **Version Control:** Git, GitHub
- **Others:** Others: RESTful APIs, OAuth2, JWT, DBMS, CI/CD Pipelines, VS Code, IntelliJ IDEA, Unity

Education

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|---|---------------------|
| GuruNanak Institute of Technology , B.TECH in Computer Science | Nov 2020 – May 2024 |
| • CGPA:8.36 | |
| BT ROAD GOVT SPONSERED HIGH SCHOOL , Higher Secondary | Nov 2018 – May 2020 |
| • percentage:74.3 | |

Professional Experience

Web Developer – Eframe Infomedia Pvt. Ltd (**Nov 2024 – Present**)

Developed and maintained 5+ full-stack web applications using Java, React.js, Node.js, and MySQL.

Built scalable REST APIs with Spring Boot and Node.js, reducing API latency by 25

Integrated OAuth2/JWT authentication to ensure secure, role-based access.

Implemented CI/CD pipelines using Jenkins and GitHub Actions, reducing deployment time by 40

Collaborated in Agile Scrum teams to design, test, and deploy features in fast-paced startup environments.

Contributed to UI/UX improvements, increasing user engagement by 20

Projects

Admin Dashborad (Aditya Birla Hindalco)

- Developed a forklift simulator game integrated with a full-stack admin dashboard using **React, Node.js, Express, and MySQL** for real-time monitoring and analytics.
- Captured and transmitted gameplay data (e.g., user actions, performance metrics) from the simulator to the admin panel for live oversight.
- Built secure **REST APIs** and implemented authentication to ensure accurate, role-based access for administrators
- Designed the system to support performance analysis and decision-making for training simulations at Aditya Birla Hindalco Renukoot.

User Page(Aditya Birla Hindalco)

- Developed a responsive and interactive User Page using React to allow participants to access and engage with

the forklift simulation system.

- Integrated authentication and session management to enable secure logins and personalized simulator access for individual users.
- Implemented backend APIs with Node.js and Express to handle user data, gameplay session tracking, and performance logging in a MySQL database.
- Enabled users to view their simulation performance reports and progress history, enhancing transparency and engagement in the training process.

Core Competencies

- Strong communication & collaboration
- Problem-solving & critical thinking
- Time management & adaptability
- Attention to detail
- Quick learner & proactive attitude