PARICHAY DUTTA BISWAS

Java Full Stack Developer
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PROFESSIONAL SUMMARY

Highly skilled **Java Full Stack Developer** with expertise in designing and implementing **responsive front-end interfaces** and **scalable back-end systems**. Proficient in **Java**, **React.js**, and **Node.js**, with a strong foundation in **problem-solving** and **cloud-based solutions**. Passionate about creating robust, user-centric applications and delivering impactful digital experiences.

CORE COMPETENCIES

- Full-Stack Web Development (Java, React.js, Node.js)
- Cloud Computing (AWS, Docker)
- Database Management (SQL, MongoDB)
- Problem Solving & Debugging
- Scalable Architecture Design & Team Collaboration

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, C
- **Frontend:** HTML, CSS, Tailwind, JavaScript, React.js
- **Backend:** Node.js
- **Databases:** SQL, MongoDB
- **Cloud Platforms:** AWS (EC2, S3, Lambda)
- **DevOps Tools:** Docker, GitHub, Git
- **Machine Learning Tools:** TensorFlow, PyTorch
- **Version Control:** Git

PROFESSIONAL EXPERIENCE

Junior Software Engineer | **Viral Me**
Dublin, Ireland (Remote)|June 2023 – November 2024

- Developed and maintained **scalable web applications**, focusing on full-stack technologies.
- Designed and implemented **end-to-end solutions** using **Java, React.js,** and **Node.js.**
- Collaborated with cross-functional teams to deliver efficient, user-focused solutions.
- **Key Contributions:**
- Improved application performance by 30%.
- Reduced deployment times by 25% through **CI/CD optimization.**
- Increased system scalability by implementing modular backend architectures.

PROJECTS

AI-Enabled Brain-Controlled Prosthetic Arm | Final Year Academic Project, 2023**:**
- Designed an **AI**-driven prosthetic arm capable of interpreting and responding to neural signals.
- Utilized Python and advanced machine learning algorithms for **EEG** signal processing and analysis.
- Achieved precise movement control with **TensorFlow**, demonstrating the potential of neural interfaces.

Ralph Lauren UI clone | 2024**:**
- Cloned the Ralph Lauren POLO and Purple Label pages for a Module Clearance Test (MCT).
- Designed a visually accurate and responsive UI using HTML and CSS.
- Focused on replicating detailed layouts and styling to match the original website design.

Dad Jokes Generator | 2024**:**
- Built a web app that dynamically fetches and displays random dad jokes using API integration.
- Leveraged **HTML, CSS, JavaScript,** and **REST API** to ensure a responsive, interactive user interface.

Emote-Hub | 2024**:**
- Created a web application for browsing and copying emojis for versatile use.
- Developed a clean, responsive UI using **HTML, CSS,** and **JavaScript.**
- Enhanced user experience with seamless emoji copying functionality.

EDUCATION

MERN Stack Development Specialization
Geekster | Present
Activities**: Solved 500+ DSA**/Coding questions on Hackerrank and Leetcode, participated in various Geekathons organised by the platform.

Bachelor of Engineering (B.E.) – EEE
SJB Institute of Technology | May 2023
Activities: **Coding Club, Tech Innovation Club,** IEEE Student Chapter, **Robotics Club**, IoT Projects.

Higher Secondary (12th):
Jalpaiguri Higher Secondary School | April 2019
Activities: Tech Club, Science Club

Secondary Education (10th):
Jalpaiguri Zilla School | February 2017
Activities: Debate Team, Chess Club, Music Club

CERTIFICATIONS

- Data Structures & Algorithms (DSA) with Java – Hackerrank
- SQL Basics – Hackerrank
- AWS Cloud Practitioner Certification – Udemy
- Python Crash Course – Google (Coursera)
- Deep Neural Network with PyTorch – IBM