

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)
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- 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.
- 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