

Subhadeep Chell

West Bengal, India | +91 9907273796 | subhadeep.chell1028@gmail.com | linkedin.com/in/subhadeepchell | github.com/SHERLOCKx90 | leetcode.com/u/SHERLOCKx90

Skills

Languages: Java, JavaScript, TypeScript, Python, SQL

Technologies: HTML, CSS, React, Next.js, MongoDB, Node.js, Express.js, Prisma, Redux, Git, Github, Postman, Firebase, MySQL, PostgreSQL, Figma, Maven, Java API, Spring Framework (Boot, Core, MVC, AOP, Security, Validation, JPA), JWT, Selenium Automation, Apache POI, TestNG, Cucumber, Function Testing

Work Experience

Cognizant, Kochi, Kerala, India

Nov 2025 - May 2026

Programmer Analyst Trainee - Full-Time (On-Site)

- Completed full-stack enterprise training in Java, Spring Boot, React, MySQL, AWS NoSQL, and Docker.
- Resolved accessibility bugs across Admin, Learner, and Main React repositories for Cognizant Skillspring.
- Developed clean-architecture backend microservices (User, Course Management, Event Scheduler) according to business requirements, ensuring seamless frontend integration.
- Configured AWS DynamoDB schemas and mock data, implementing Global Secondary Indexes to resolve API errors.
- Streamlined Agile workflows using Git/GitHub, raising rigorously documented PRs to accelerate QA testing.

Cognizant, Hyderabad, Telangana, India

Apr 2025 - Aug 2025

Programmer Analyst Trainee - Internship (On-Site)

- Architected modular automated test suites using Java, Selenium WebDriver, POM, and TestNG, applying advanced OOP concepts to optimize automation logic and maintainability.

Course Compass, Mumbai, Maharashtra, India

Apr 2024 - Aug 2024

Frontend Developer - Internship (Remote)

- Engineered a scalable React/Redux design system and optimized frontend rendering, elevating platform performance by 42% and boosting developer throughput by 30%.

A3 Transforms, Chennai, Tamil Nadu, India

Jan 2024 - Apr 2024

Full Stack Developer - Internship (On-Site)

- Developed full-stack AI applications and scalable SaaS platforms, integrating 3+ ML models via robust API pipelines to achieve 99.9% uptime and a 25% increase in user engagement.

Evanke, Vienna, Virginia, United States

Aug 2023 - Dec 2023

UI/UX Designer - Internship (Remote)

- Designed optimized UI/UX flows and digital marketing assets for web applications, improving navigation efficiency by 35%, user retention by 20%, and campaign effectiveness by 30%.

Education

Vellore Institute of Technology, Chennai, Tamil Nadu, India

Sep 2021 - Jul 2025

B.Tech in Computer Science and Engineering

CGPA- 8.37/10

- Relevant Coursework: Object Oriented Programming, Database Systems, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Natural Language Processing, Advance Data Structures and Algorithms, AI/ML

Project Work

BrandFlow – Role-Based Product Lifecycle & Marketing Campaign Management System | React, JavaScript, JSON, Node.js, Java, Spring Boot, Spring MVC, REST APIs, MySQL, RBAC | [Link - Github](#)

- Engineered a role-based full-stack management system using React and Spring Boot REST APIs to streamline product lifecycles, marketing campaigns, and inventory analytics.

QueryLens AI – A Schema-Aware Conversational AI for Structured Query Generation and Grounded Validation | React, JavaScript, Python, Fast API, Langchain, Shadcn UI, Node.js, MongoDB, OpenAI API, Clerk | [Link - Github](#)

- Built a schema-aware conversational AI using fine-tuned GPT-4, Langchain, and FAISS-based retrieval to accurately generate and validate SQL/Pandas queries from natural language.

BookFlow – Multi-Agent Book Recommendation System | Python, Flask, SQLAlchemy, PyTorch, Scikit-Learn, Hugging Face Transformers | [Link - Github](#)

- Designed a hybrid recommendation engine utilizing a PyTorch reinforcement-learning agent, Flask backend, and Hugging Face BERT to deliver personalized, sentiment-driven book suggestions.

Academic Achievements

Published and presented the research paper “**Real-Time Threat Detection and Mitigation in Web API Development**” at the *International Conference on Electrical, Electronics and Computing Technologies (ICEECT 2024)*, demonstrating applied research in API security and real-time threat modeling and analysis. [Link - IEEE](#)

Certifications

Google Cloud Certified Cloud Digital Leader (2023), Google Cloud Computing Foundations (2023), Coursera - SQL for Data Science-University of California, Davis (2024), Udemy - The Complete Web Development Bootcamp (2024)