

BHARAT MOHAN NAIR

+91 9307971766 | Bengaluru, Karnataka

bnair624@gmail.com | github.com/nair-bharat | linkedin.com/in/nairbharat

SUMMARY

- Full Stack Developer with 6 years of experience in Java EE, Python, Spring Boot, Microservices, and React.js. Skilled in designing scalable architectures, developing RESTful APIs, and delivering enterprise-grade applications for global clients. Experienced in Agile methodologies, performance optimization, and backend validation, with foundational exposure to cloud platforms and DevOps practices.

TECHNICAL SKILLS

Core Expertise

- **Backend Development:** Java, Java EE, Spring Boot, Python, REST APIs, Microservices, OOP, SOLID principles
- **Frontend Development:** React.js, JavaScript, HTML5, CSS3, Tailwind CSS
- **Databases:** MySQL, MongoDB
- **Testing & Quality Assurance:** JUnit 5, Python-based test scripts, JMeter
- **Workflow & Tools:** Apache Airflow, Git, Bitbucket, JIRA, Agile/SCRUM methodologies

Foundational Exposure

- **Cloud Platforms:** AWS fundamentals (EC2, S3)
- **DevOps Practices:** Azure DevOps concepts, CI/CD pipelines
- **Containerization:** Docker

EXPERIENCE

Dassault Systèmes – Research and Development Engineer | Jan 2024 – Present

- Developed **frontend and backend features** for enterprise applications used by Airbus, Naval Group, and Boeing, leveraging **Java and JavaScript**.
- Designed and implemented **UI components** aligned with modern web standards to improve usability and customer experience.
- Improved system performance by analyzing and reducing **API load**, refactoring inefficient service calls, and optimizing **RESTful web services**.
- Applied **clean-code principles** and scalable architecture patterns to ensure maintainability and long-term stability.
- Enhanced **API response times** by eliminating redundant service calls and streamlining backend logic.
- Created **JMeter scripts** to perform API performance testing and validate scalability under load.
- Collaborated with cross-functional teams to troubleshoot, debug, and resolve critical production issues in Agile/SCRUM environments.
- Recognized for adaptability, independent ownership, and proactive problem-solving in enterprise-grade projects.

Tech Stack: Java, JavaScript, REST APIs, JMeter, AGILE/SCRUM

LТИMindtree – Senior Software Engineer | Nov 2022 – Jan 2024

Client: Nordea

- Designed and developed a Life Insurance portal using **React.js** and **JavaScript**.
- Implemented a configurable and dynamic UI to enhance flexibility and user experience.
- Converted Figma designs into reusable, scalable React components integrated with backend APIs.
- Developed dynamic data tables to display customer policy information, improving navigation and increasing user satisfaction by 20%.
- Created and executed test cases using **Python** to ensure code quality and validate application workflows.

Tech Stack: React.js, JavaScript, Python, Bitbucket, JIRA

Larsen & Toubro Infotech – Software Engineer | Aug 2019 – Nov 2022

Clients: Morgan Stanley, Citi

- Automated **XML portfolio data processing** using Python, reducing manual file creation by 2–3 hours and improving productivity while minimizing errors.
- Built **ESG reports** using HTML, CSS, XML, and MSCI tools, covering the full lifecycle from specification and design to testing.
- Designed **Python-based workflows** to streamline risk analysis, saving up to 5 hours per cycle and improving efficiency.
- Monitored and resolved workflow job issues promptly, ensuring smooth execution and minimal downtime.
- Developed **test cases for Java Spring MVC applications** using JUnit 5, achieving a minimum **SonarQube test coverage of 85%**.
- Actively participated in Agile/SCRUM project planning, tracking, and delivery using JIRA.
- Contributed to **workflow automation** and **data pipeline improvements** with Apache Airflow.

Tech Stack: Python, Java, Spring Boot, Apache Airflow, HTML, CSS, XML

EDUCATION

- Mumbai University
B. Tech Computer Science & Engineering | CGPA: 7.96 | 2015 – 2019