

Vinay Kumar Tiwari

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Profile Summary

- **10+ years** of relevant IT experience in n-tier application development.
- **Advanced prompt-engineering** expertise with practical work on **Grok-4, ChatGPT-5, and Claude.ai**.
- **SAP Certified Fiori/UI5 Developer (C_FIORDEV_21)** and **SAP Extension Suite Specialist (C_CPE_12)**.
- Hands-on experience with **GenAI, SAP BTP, SAP UI5/Fiori, and SAP CAPM** using **Node.js**.
- Proficient in **Node.js, JavaScript, HTML5/CSS3, Microservices concepts, ODATA (v2 & v4), and REST services**.
- Strong **object-oriented design and debugging capabilities**.
- Over **six years** of project experience in **Agile frameworks including SCRUM and XP**.
- Strong communication skills with rapid adaptability to new technologies.

Educational Qualification

- Bachelor of Engineering (B.E.) in Electronics and Communication Engineering (ECE) from RGPV Bhopal, completed in 2014 with 74.90%.

Certifications and Training

- SAP Certified Development Associate – SAP Fiori Application Developer (C_FIORDEV_21).
- SAP Certified Development Associate – SAP Extension Suite (C_CPE_12).
- IBM Certified Agile Explorer, Cognitive Practitioner, and Design Thinking Practitioner.
- Microservices Fundamentals by IBM (Coursera).
- Six-month Advanced Computing (PGDAC) training program from CDAC Pune.

Achievements

- Awarded multiple TCS Gems for client delivery and project support, including two Best Team Awards, Service and Commitment Award, Star of the Month, two (S)miles Awards, and the Maitree Prize.
- Honored with the Growth Award 2022 (Q1) with a \$500 cash reward.
- Received a “Keep the Amazing Work” appreciation eCard with a \$125 cash award.
- Recognized by the Service Delivery Leader, Team Lead, and Functional Team for exceptional contribution.
- Awarded the Victory League Recognition at Wipro for outstanding support.

Skill Set

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|-----------------------------------|---|--|
| AI Tools and Technologies | : | Prompt engineering with hands-on experience in Grok-4, ChatGPT-5, and Claude.ai, SAP Joule |
| SAP Technologies | : | SAP BTP, Fiori, UI5, Cloud Foundry, SAP CAPM with Node.js, XSUAA, SAP Build |
| Programming Language | : | Node.js, Javascript |
| Scripting/ Markup Language | : | HTML5/CSS3, XML |
| Web Services | : | OData, REST |
| IDE | : | SAP Business Application Studio (BAS), VS Code |
| Database | : | MongoDB, PostgreSQL |
| Agile Tools | : | JIRA, Confluence |
| Version Control | : | GIT, GitHub |
| Other Tools | : | Postman |

Work Experience

- Assistant Consultant, **Tata Consultancy Services (TCS)**, Bengaluru and Varanasi [Aug 2022 – Jan 2026]
- Application Consultant, **IBM India Pvt. Ltd**, Bengaluru [Jan 2020 – Aug 2022]
- Associate – Projects, **Cognizant Technology Solutions**, Bengaluru [Mar 2019 – Dec 2019]
- Senior Software Engineer, **Mindtree Ltd.**, Bengaluru [Jul 2018 – Mar 2019]
- Project Engineer, **Wipro Limited**, Bengaluru [Sep 2015 – Jul 2018]

Projects at Tata Consultancy Services (TCS)

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|---------------------|---|---|---------------------------|
| Project Name | : | Global MedTech Digital Transformation Platform | |
| Client | : | Leading US-Based Medical Devices Enterprise | |
| Duration | : | May 2024 – Jan 2026 | Team Size: 03 |
| Role | : | SAPUI5/ FIORI – Team Lead | Domain: Healthcare |
| Skills | : | Node.js, SAPUI5, Fiori, BAS, SAP BTP, Git, OData, JavaScript, HTML/CSS, Neptune P9 | |
| Description | : | Enterprise-wide digital modernization program focused on upgrading internal MedTech applications using SAP BTP and Fiori-based solutions. | |

Responsibilities:

- Led requirement analysis, backlog refinement, and sprint planning.
- Developed and deployed custom SAPUI5 applications on SAP BTP.
- Built responsive, Fiori-aligned UI for critical healthcare operations.
- Integrated UI applications with OData services for live data consumption.
- Utilized Neptune P9 for rapid low-code/no-code prototyping.

- Delivered sprint demos and MVP walkthroughs to business teams.
- Maintained code quality and branching strategy using Git; adhered to Agile and CI practices.

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| Project Name : | Solution and Innovation Experience Project | | |
| Client : | Global Enterprise Software Leader, Bengaluru | | |
| Duration : | Sept 2022 – April 2024 | Team Size: | 05 |
| Role : | Senior Software Developer | Domain: | Hi-Tech |
| Skills | Node.js, SAPUI5, Fiori, BAS, SAP BTP, Git, OData, JavaScript, HTML/CSS | | |
| Description | Innovation and pre-sales enablement program focused on developing value prototypes, enhancing demo solutions, and supporting multi-environment landscapes. | | |

Responsibilities:

- Collected and refined requirements for prototype development.
- Built and deployed SAPUI5 and Node.js applications on SAP BTP.
- Presented developed MVPs to internal stakeholders during sprint reviews.

Projects at IBM India Private Limited

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| Project Name : | Cloud HR – Benefits and Claims Platform | | |
| Client : | Leading Asia-Pacific Healthcare Network, Singapore | | |
| Duration : | March 2022 – Aug 2022 | Team Size: | 04 |
| Role : | Application Developer | Domain: | Healthcare |
| Skills | SAPUI5, Fiori, BAS, SAP BTP, Git, OData, JavaScript, HTML/CSS | | |
| Description | Development of a cloud-based HR platform focused on benefits and claims management using SAP UI5 and SAP BTP. | | |

Responsibilities:

- Gathered and refined functional requirements.
- Developed SAPUI5 applications and deployed them on SAP BTP.
- Delivered MVP demonstrations to stakeholders during sprint reviews.

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| Project Name : | Aerospace Operations Transition Platform | | |
| Client : | Leading North American Aerospace Manufacturer, Canada | | |
| Duration : | Sept 2021 – Feb 2022 | Team Size: | 04 |
| Role : | Application Developer | Domain: | Aerospace |
| Skills | SAPUI5, Fiori, BAS, SAP BTP, SAP WorkZone, Git, OData/CDS, JavaScript, HTML/CSS | | |
| Description | Platform modernization initiative to consolidate aftermarket and MRO operations into a standardized S/4HANA environment. | | |

Responsibilities:

- Developed a custom SAPUI5 application for the return-management process.
- Resolved UAT defects and supported stabilization activities.
- Prepared technical documentation (UTD).

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| Project Name | : IBM Contractor Resource Management System (CRMS) | |
| Client | : IBM Internal Project, India | |
| Duration | : Sept 2020 – Sept 2021 | Team Size: 03 |
| Role | : Application Developer | Domain: HRMS |
| Skills | : SAP UI5, Fiori Launchpad Configuration, OData, JavaScript, HTML5, CSS3, SAP WebIDE, Cloud Connector, Neo | |
| Description | : Enterprise HRMS platform managing the full contractor lifecycle, including onboarding, status updates, transfers, extensions, and offboarding. | |

Responsibilities:

- Collaborated with business units to validate and refine requirements.
- Developed and implemented SAP UI5 and Fiori-based enhancements.
- Performed coding, defect resolution, and code refactoring.

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| Project Name | : Self-Service Password Reset Application (as part of learning and innovation activity) | |
| Duration | : April 2020 – August 2020 | Team Size: 01 |
| Role | : Application Developer | |
| Skills | : SAPUI5, OData, JavaScript, HTML5, CSS3, SAP WebIDE | |
| Description | : Innovation initiative to build a self-service application enabling users to reset SAP system passwords independently. | |

Responsibilities:

- Collected requirements and developed the complete SAPUI5 solution end-to-end.

Projects at Cognizant Technology Solutions

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| Project Name | : Telecom Data Management Portal | |
| Client | : Leading Australian Telecommunications Provider | |
| Duration | : May 2019 – Dec 2019 | Team Size: 06 |
| Role | : Java Full Stack Developer | Domain: Telecom |
| Skills | : Java 8, Microservices, Spring Boot, RestTemplate, Spring Security, JUnit5, Mockito, React.js | |
| Description | : Enterprise data automation platform designed to generate test data, streamline data management workflows, and automate test execution using microservices. Test engineers used the portal for end-to-end testing operations. | |

Responsibilities:

- Collaborated with onsite teams to validate and refine business requirements.
- Designed and developed microservices and related database components.
- Implemented backend and frontend features aligned with business needs.
- Performed coding, unit testing, defect resolution, and refactoring.
- Converted functional requirements into production-ready software components.
- Contributed to application design and effort estimation.

Projects at Mindtree Limited

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| Project Name : | Revenue Management System | |
| Client : | Global Car Rental and Mobility Services Provider, UK | |
| Duration : | February 2019 – February 2019 | Team Size: 05 |
| Role : | Senior Developer | Domain: Travel and Transport |
| Skills : | Spring Boot, REST Services, Core Java, Hibernate, Maven, JUnit, Mockito, Powermock | |
| Description : | Revenue management platform used to optimize pricing services across multiple regions for a global mobility enterprise. | |

Responsibilities:

- Implemented fixes for security vulnerabilities including XSS, log forging, and SQL injection.
- Developed utility Java components such as blacklisting and whitelisting services and performed code refactoring.

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| Project Name : | Direct Connect (DC) Index Cache Enhancement | |
| Client : | Global Car Rental and Mobility Services Provider, UK | |
| Duration : | July 2018 – January 2019 | Team Size: 04 |
| Role : | Senior Developer | Domain: Travel and Transport |
| Skills : | Spring Boot, REST Services, Core Java, JMS, Hibernate, Maven, Oracle Coherence, ActiveMQ, JUnit, Mockito, Powermock, SLF4J, Log4j2, Perf4j | |
| Description : | Enhancement of an enterprise caching system to improve cache refresh logic by selectively removing stale rate-code data instead of performing full cache resets. | |

Responsibilities:

- Built a POC during Sprint Zero to validate requirements.
- Contributed to application design and architecture.
- Developed and unit-tested core functionalities.
- Delivered end-to-end implementation of the enhanced caching module.

Projects at Wipro Limited

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| Project Name | Building Management Platform (BMP) – Haystack Integration | |
| Client | Global Semiconductor and Technology Leader | |
| Duration | June 2018 – July 2018 | Team Size: 04 |
| Role | Developer | Domain: Internet of Things |
| Skills | Spring MVC, Core Java, REST Services, Log4j2, Perf4j, JSP, JavaScript | |
| Description | Developed a new Java API to support Haystack input standards, enabling consistent data handling and automated operations. | |
| Project Name | Converged IT Infrastructure Management and Automation Platform | |
| Client | Global Enterprise IT and Hardware Solutions Provider, Huston, Texas, USA. | |
| Duration | February 2017 to May 2018 | Team Size: 05 |
| Role | Developer | Domain: Server Storage |
| Skills | Spring MVC, Core Java, JUnit, Mockito, REST Services, Hibernate, Log4j, Perf4j | |
| Description | Contributed to a unified infrastructure management platform aimed at automating server, storage, and network operations to reduce IT complexity and accelerate delivery. | |
| Project Name | Enterprise Security Management System | |
| Client | Global Enterprise Cybersecurity Solutions Provider, Austin, Texas, USA. | |
| Duration | October 2015 to February 2017 | Team Size: 04 |
| Role | Developer | Domain: Securities |
| Skills | Core Java, Spring MVC, Hibernate, JSP, XML, JavaScript, HTML/CSS | |
| Description | Developed features for a network security management solution supporting large-scale deployments of threat protection and intrusion prevention systems. | |

Responsibilities:

- Participated in prototype development during Sprint Zero and performed requirement analysis.
- Collaborated with onsite teams to validate requirements.
- Developed features, performed code reviews, handled defect fixes, and customized UI components.
- Delivered knowledge transfer sessions for new team members.
- Conducted security analysis using HPE Fortify and provided necessary vulnerability fixes.

Personal Information

Date of Birth : 06-06-1992
Gender : Male
Languages : English, Hindi

Self-Declaration

I declare that the information provided is accurate and complete to the best of my knowledge.

Date : 17-01-2025

Place : Noida

Yours sincerely

Vinay Kumar Tiwari