

**Vinay Kumar Tiwari**

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## Profile Summary

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- **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

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

## Certifications and Training

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- 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

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- 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

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 Bussiness Application Studio (BAS), VS Code
Database	:	MongoDB, PostgreSQL
Agile Tools	:	JIRA, Confluence
Version Control	:	GIT, GitHub
Other Tools	:	Postman

Work Experience

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

Projects at Tata Consultancy Services (TCS)

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.

**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.

**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).

**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.

**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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<b>Project Name</b>	:	Revenue Management System		
<b>Client</b>	:	Global Car Rental and Mobility Services Provider, UK		
<b>Duration</b>	:	February 2019 – February 2019	<b>Team Size:</b>	05
<b>Role</b>	:	Senior Developer	<b>Domain:</b>	Travel and Transport
<b>Skills</b>	:	Spring Boot, REST Services, Core Java, Hibernate, Maven, JUnit, Mockito, Powermock		
<b>Description</b>	:	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.

<b>Project Name</b>	:	Direct Connect (DC) Index Cache Enhancement		
<b>Client</b>	:	Global Car Rental and Mobility Services Provider, UK		
<b>Duration</b>	:	July 2018 – January 2019	<b>Team Size:</b>	04
<b>Role</b>	:	Senior Developer	<b>Domain:</b>	Travel and Transport
<b>Skills</b>	:	Spring Boot, REST Services, Core Java, JMS, Hibernate, Maven, Oracle Coherence, ActiveMQ, JUnit, Mockito, Powermock, SLF4J, Log4j2, Perf4j		
<b>Description</b>	:	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:

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- 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

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

## Self-Declaration

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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