



Abhilash Biradar

Senior Full-Stack Engineer · Cloud-Native & Enterprise Platforms · Tech Lead Track

10+ Years Experience

4 Companies

SAP Labs · Product Engineering

Mercedes-Benz Projects

Open Source Contributor

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 github.com/AbhilashBiradar abhilashbiradar.github.io

PROFESSIONAL SUMMARY

Senior Full-Stack Software Engineer with 10+ years of experience building enterprise-grade, cloud-native applications and platforms. Skilled in designing and developing scalable backend services, REST APIs, modern web applications, CI/CD pipelines, and automated testing frameworks. Currently at SAP Labs India, developing enterprise product platforms used by SAP's global customer base. Strong expertise in Node.js, TypeScript, and full-stack engineering, with a proven track record across product engineering and enterprise consulting. Passionate about building scalable software, solving complex engineering problems, and delivering high-quality products in collaborative, agile engineering environments.

PROFESSIONAL EXPERIENCE

- Developer — Full Stack** Dec 2021 – Present
- SAP Labs India** Bengaluru, India
- Leading development of **Product Landscape Designer (PLD)** and Cross Product Stack Editor (CPSE) — cloud-native apps on SAP BTP managing SAP product lifecycle and system topology.
 - Architected OData V4 services using SAP CAP (Node.js) with SAP HANA HDI containers; drove end-to-end CI/CD automation via GitHub Actions.
 - Introduced and implemented **httpYac** for dynamic, variable-driven HTTPS API testing via `.http` files — integrated into GitHub Actions CI/CD pipelines and local environments, enabling secure end-to-end test execution as a lightweight alternative to Bruno.
 - Built complex SAP UI5 / Fiori Elements interfaces with TypeScript, focusing on performance, accessibility, and AI-assisted development.
 - Contributed to **Intelligent Landscape Management (ILM)** — enabling automated cross-team landscape orchestration.

SKILLS

FRONTEND

SAP UI5 SAP Fiori
Fiori Elements TypeScript
JavaScript ES6+ HTML5 / CSS3
HighChart.js

BACKEND & APIS

SAP CAP Node.js
OData V2 / V4 REST APIs
SAP NetWeaver MongoDB

CLOUD & DEVOPS

SAP BTP Cloud Foundry
SAP HANA HDI GitHub Actions
OAuth 2.0 Cordova

TESTING

JUnit Jest wdio QMate
Bruno httpYac

TOOLS & PRACTICES

Git AI-assisted Dev
Agile / Scrum

PROFESSIONAL EXPERIENCE (CONTINUED)

- Senior Consultant

Capgemini India Client: Daimler / Mercedes-Benz R&D India

Jul 2020 – Dec 2021

 - Delivered backend gateway services for the **MIA (Mercedes-Benz Intelligent Architecture)** project using SAP NetWeaver Gateway and OData services.
 - Mentored junior developers and facilitated cross-functional collaboration between SAP and non-SAP teams.
 - Improved API response times by redesigning ABAP/OData data models and introducing server-side pagination.
- Associate Consultant

Infosys Limited Client: Mercedes-Benz Financial Services

Aug 2018 – Jun 2020

 - Developed SAP Fiori applications for payment approval workflows using UI5 and OData V2.
 - Implemented **Approve Payment Proposal** flow — reducing manual approval time by 40% through automated exception handling.
- System Engineer

Tata Consultancy Services (TCS) Bengaluru, India

Nov 2015 – Jul 2018

 - Built competitive pricing modules for **Optumera** using SAP UI5 and REST APIs integrated with HANA analytics.
 - Delivered SAP Centre of Excellence solutions — UI5 component libraries and Fiori wave rollouts across multiple clients.

KEY PROJECTS & OPEN SOURCE

- UI5 Table Selection Retention — sap.ui.table Extension

Open-source SAP UI5 solution that preserves row selections in `sap.ui.table.Table` across sort and filter operations. Implements a custom extended table class with `saveSelected` toggle, context-path tracking, and overridden selection interval methods.
gist.github.com/AbhilashBiradar
- Karnataka Voter Search — Full-Stack OCR / ML App

Web application using Python OCR + ML pipeline to search voter data from scanned government PDFs. Stack: Node.js, REST API, Python, SAP BTP.
- PLD / CPSE — SAP Labs Enterprise Product

Cloud-native SaaS on SAP BTP managing product lifecycle across 1000+ SAP system landscapes. Built with SAP CAP, HANA HDI, UI5, TypeScript.

EDUCATION

- B.E. – Electrical & Electronics Engineering

Reva Institute of Technology and Management, Bangalore

2011 – 2015

HIGHLIGHTS

- EXPERTISE SINCE

SAP UI5 / Fiori — 2016

9+ years uninterrupted
- DOMAIN

Enterprise SAP & Cloud

BTP · CAP · Fiori · OData
- OPEN SOURCE

SAP UI5 Table Extension

Selection retention on sort & filter

VOLUNTEERING

- Civil Defence Warden** — Indian Civil Defence (Apr 2010 – Present): disaster relief & fire safety.
- Corporal** — National Cadet Corps India (2009 – 2012): NCC 'C' Certificate, National Level Army Camp.

LANGUAGES

- English — Professional
- Kannada — Native
- Hindi — Conversational