Sudeep Agarwal

Full-Stack Developer | AI Integration Specialist

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Professional Summary

Full-Stack Developer with **3+ years** of experience **engineering** scalable web applications using **React**, **Next.js**, **Node.js**, and **AI-driven automation**. **Demonstrated** track record of **accelerating** delivery timelines by **20%**, **enhancing** system reliability by **25%**, and **automating** workflows to **reduce** manual tasks by **70%**. **Expert** in **developing** secure, modular systems with modern **authentication** methods and **low-code platforms**. **Awarded** the **Extra Mile Award** at Valantic LCS for **innovation** and exceptional performance.

Technical Skills

Programming Languages: JavaScript, TypeScript, Python, C#, Node.js

Frontend Technologies: React.js, Next.js, jQuery, Chakra UI, Tailwind CSS, HTML5, CSS3

Backend Technologies: Node.js, Express.js, ASP.NET, .NET Core, MVC, WCF Services, REST APIs

Databases: MongoDB, MySQL, Microsoft SQL Server

Cloud & DevOps: AWS (S3, Lambda, SQS, SNS, EventBridge), GCP, Firebase Cloud Messaging

Low-Code Platforms: OutSystems (O11 and ODC)

APIs & Integrations: Gmail API, Google Calendar API, Microsoft Graph API, OAuth2, OpenID Connect (OIDC)

Tools & Frameworks: Git, GitHub, Postman, VS Code, FIDO2, WebAuthn

AI Technologies: GPT-4, Generative AI, Agentic AI, LLM Integration, JSON Prompting

Development Practices: Agile, MVVM Architecture, RBAC, Test-Driven Development, CI/CD

Certifications: OutSystems Associate Reactive Developer, OutSystems Web Developer, Gen AI Academy (Google & H2S)

Professional Experience

Software Developer

Valantic LCS | Indore, India | September 2023 – Present

- **Engineered** an **AI-powered recruitment application** using **GPT-4** and **OutSystems** that **automates 70%** of hiring tasks including **resume parsing**, **candidate screening**, and **interview scheduling**

- **Integrated Gmail API** and **Google Calendar API** to **automatically** send interview invites and **generate** Google Meet links, **eliminating** double bookings

- **Built** an **AI-integrated expense management application** inspired by Expensify with **OCR data extraction** using **generative AI**

- **Migrated** authentication from **OAuth2** to **OpenID Connect (OIDC)**, **enhancing security** and interoperability

- **Implemented passwordless authentication** using **FIDO2** and **WebAuthn** (passkeys), **improving** login security and user experience

- **Designed modular architecture** with **RBAC**, **audit logs**, and **GDPR compliance** for **enterprise-level data protection**

- **Mastered low-code platforms** for **rapid full-stack development**

- **Awarded Extra Mile Award** for **exceptional performance** and **creating innovative solutions** beyond project boundaries

Software Engineer

WeP Solutions | Bengaluru, India | August 2021 – September 2023

- **Optimized** web application performance by **15%** and **reduced** critical bugs by **25%** using **React.js** and **Next.js**

- **Administered** and **optimized** performance for all internal web applications, **ensuring** seamless operations and timely updates

- **Implemented Agile methodologies**, **reducing** development time by **20%** and **improving** on-time delivery

- **Designed** and **implemented cost-optimization features saving ₹30,000 annually**

- **Resolved 90%** of client-reported issues within **SLA**, **boosting** customer satisfaction and **strengthening** client relationships

- **Developed** a **rule-based email sorting engine** using **Node.js** and **Microsoft Graph API**, **improving** email handling efficiency by **30%**

- **Designed React.js front-end** for **Contract Management System** with **digital document workflows** and **e-signatures**, **automating** key processes and **reducing** manual handling by **35%**

Full Stack Developer (Remote)

MicroTechnologies | Remote | March 2021 – August 2021

- **Developed high-performance single-page applications (SPAs)** using **React** and **Node.js**

- **Implemented Git/GitHub collaborative workflows**, **improving** delivery efficiency

- **Built Ride-Lelo taxi-hailing application** with **real-time driver tracking, achieving 40% faster response time** compared to initial benchmarks

Key Projects

AI Integrated Recruitment Application | June 2025 – Present

- **Architected** end-to-end **AI recruitment tool** using **OutSystems** combined with **GPT-4 LLM** and **JSON prompting**

- **Created intelligent resume parser** using **GPT-4** to **extract** skills, experience, and education with **automated candidate scoring** and tiering

- **Developed SEO-optimized AI job post generator** to **increase** application volume

- **Implemented automated interview scheduling** with **Gmail/Google Calendar API integration**

- **Designed** system with **RBAC, escalation workflows, SLAs, OAuth2, SSO, encryption**, and **audit logs**

- **Built analytics dashboards** for **recruitment insights** and **performance tracking**

- **Technologies: OutSystems, GPT-4, Gmail API, Google Calendar API, OAuth2, GDPR Compliance**

WebAuthn-FIDO2 Library Integration | January 2024 – February 2024

- **Integrated FIDO2.NET library** into **OutSystems** (O11 and ODC) for **passwordless** and **multi-factor authentication**

- **Designed cloud-native authentication flows optimized** for **OutSystems Developer Cloud** architecture

- **Ensured** comprehensive **cross-browser** and **cross-platform compatibility**

- **Implemented key storage management** and **identity provider integration** with strict **security protocols**

- **Created** comprehensive **documentation, developer support**, and **compliance** with security standards

- **Technologies: FIDO2, WebAuthn, OutSystems, .NET, OAuth2**

AWS EventBridge Integration | 2024

- **Architected** and **implemented event-driven architectures** using **AWS EventBridge**

- **Integrated AWS services** (**S3**, **Lambda**, **SQS**, **SNS**) with **low-code platforms** like **OutSystems**
- **Configured messaging services** and **deployed real-time notification systems** using **Firebase Cloud Messaging**
- **Automated workflows** through **EventBridge rules** with **robust security protocols**
- **Technologies: AWS EventBridge, Lambda, SQS, SNS, S3, Firebase, OutSystems**

TublianX Dashboards | May 2024

- **Built pixel-perfect** customer onboarding and developer community **dashboards** using **Next.js** based on **Figma designs**
- **Implemented MVVM architecture ensuring** maintainable and **scalable code**
- **Applied Figma style guide** for **responsive**, **brand-consistent**, and **accessible design**
- **Deployed** applications to **hosting platform** and made code **open-source**
- **Technologies: Next.js**, **MVVM**, **Figma**, **Responsive Design**

Contract Management System | August 2022 – January 2023

- **Designed React.js front-end** for **digital document workflows** and **e-signatures**
- **Automated** key document processes, **reducing** manual handling by **35%**
- **Implemented integrated workflow** combining **automation** with strategic human intervention
- **Technologies: React.js**, **Document Management**, **Digital Signatures**

Email Automation System | May 2023

- **Developed rule-based sorting engine** using **Node.js** and **Microsoft Graph API**
- **Automated** email organization into designated folders through **content analysis**
- **Engineered robust error-handling mechanisms** for **seamless automation**
- **Improved** email handling efficiency by **30%** with **substantial cost savings**
- **Technologies: Node.js**, **Microsoft Graph API**, **Automation**

Achievements

- **Awarded Extra Mile Award** at Valantic LCS for **exceptional performance, innovation,** and going **beyond project boundaries**

- **Revamped legacy systems** to **boost productivity** by **40%** and **reduced error rates** by **25%**
- **Contributed** to major **technical troubleshooting**, **maintaining 99.9% operational uptime**
- **Accelerated** organization growth by **introducing Node.js-based scalable applications**
- **Automated hiring workflows reducing** manual recruitment work by **70%**

Education

Bachelor of Technology in Computer Science Engineering
Sagar Institute of Science and Technology (RGPV), Bhopal | August 2018 – June 2022
GPA: 8.86/10.0

Languages

English (Fluent), Hindi (Native)