Daksh Prajapati

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Summary

Versatile software engineer skilled in full-stack development, AI/ML engineering, and DevOps. Proven experience building production-ready applications using .NET, Java Spring Boot, Python, React.js, and cloud infrastructure. Passionate about developing intelligent tools, multi-agent systems, and scalable backend APIs.

Education

University of Cincinnati **August 2021 - May 2025**
Bachelor of Science in Computer Science *GPA: 3.9/4.0*

Work Experience

Software Engineer I – ScriptsHub Technologies **Jun 2025 - Present**
- Architected a vision-first QA automation platform reducing manual regression testing effort across web apps by 80%
- Designed hierarchical Planner–Worker agents to decompose enterprise test tickets into reliable, executable steps
- Built visual grounding using Playwright and injected JS to tag interactive UI elements dynamically

Software Engineering Intern – Cincinnati Children's Hospital **August 2023 - August 2024**
- Developed mobile app using .NET MAUI and Blazor, reducing dev time by 25% through shared code across Android and iOS
- Built multilingual UI by fetching dynamic content from Strapi CMS via GraphQL queries and Apollo Client
- Implemented 50+ reusable components using Tailwind CSS, and Material UI for consistent, responsive UI
- Amplified unit test coverage by 40% using bUnit and xUnit with mock data to ensure stability and reduce regression bugs
- Utilized Azure DevOps, Git, and CI/CD pipelines while practicing Agile with daily standups and sprint planning
- Collaborated with designers (Figma) and QA teams (Postman, Swagger UI) to validate user flows and RESTful endpoints

Systems Engineering Intern – Schneider Electric **January 2023 - May 2023**
- Migrated legacy MVC app from .NET Framework 4 to .NET 7 Core, improving app speed, scalability, and maintainability
- Modernized and launched an internal HR portal across state branches using Razor Pages, Bootstrap, and C#
- Refactored backend logic using Entity Framework Core and LINQ, reducing data fetch times from SQL Server by 50%
- Automated wire label processing with Python script, reducing operation time by 60% and boosting team productivity by 30%
- Optimized 25+ Tableau dashboards by migrating to cloud-based data sources, significantly improving data accessibility

Projects

CleverCollab – Multi-Agent AI Assistant for Jira & Project Management **August 2024 - Present**
- Designed a multi-agent orchestration platform using CrewAI and Langflow to automate Jira task assignment and load balancing
- Reduced project management workload by 40% by syncing task priorities and skills data across Jira dashboards
- Deployed a GPT-powered assistant with memory and retrieval, enabling 24/7 task updates and dependency risk queries via chat

PDFChat – SaaS AI-Powered PDF Assistant (RAG, Vercel AI SDK) **January 2025 - February 2025**
- Deployed a full-stack RAG-based assistant using Next.js, allowing users to ask semantic questions on uploaded PDFs
- Used Vercel AI SDK to route prompts between models (GPT-4, Claude 3, Mistral) and manage embedded tool usage dynamically
- Embedded documents via HuggingFace Transformers and Supabase vector storage, ensuring fast, relevant chunk retrieval
- Integrated Clerk for auth, Stripe for billing, and Shadcn UI for a polished and responsive frontend

Inventory Manager – Business Management Web Application **May 2024 - June 2024**
- Designed and implemented a full-stack business management system using Spring Boot, MySQL, and Thymeleaf
- Built modules for customer, inventory, and order management with real-time data persistence via JPA/Hibernate
- Implemented role-based access control (RBAC) with secure login and session-based authentication for admins and staff
- Configured form validation for CRUD operations, deployed via Spring Tool Suite (STS) using embedded Tomcat

Skills

Programming Languages: Python, C++, C#, Java, TypeScript, JavaScript, SQL, HTML, CSS
AI/ML: LangChain, LangGraph, CrewAI, RAG, OpenAI, PyTorch, Scikit-learn, HuggingFace, Pandas, NumPy, n8n
Frontend: React.js, Next.js, Svelte, Razor Pages, TailwindCSS, Bootstrap, Figma, Playwright, UI, UX Design
Backend: .NET (Blazor, MAUI, MVC), Spring Boot, Node.js, FastAPI, Prisma, GraphQL, REST APIs, JWT, OAuth2
Cloud & DevOps: Azure, AWS, GCP, Docker, Kubernetes, GitHub Actions, CI/CD, Supabase, Vercel, Jira, Postman