Satya Vinjamuri
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Programming Languages	Python, Java, JavaScript, TypeScript, C#, Swift, Ruby, Dart, PHP, SQL, CSS
Databases	MySQL, PostgreSQL, SQLite, Oracle, MongoDB, DynamoDB, Toad for Oracle
Frameworks	Angular (2+), ReactJS, Vue.js, Backbone.js, Marionette.js, Tailwind CSS, Node.js (with Express), Django, .NET, Spring Boot, Ruby on Rails, Laravel, Flask, Flutter, React Native
State Management	Redux, MobX, Provider(Flutter), Bloc(Flutter), Vuex
Tools & IDEs	Postman, Swagger, DBeaver, Jenkins, Kibana, Lighthouse, Excel, Apple Developer Console, Xcode, VSCode, Android Studio, IntelliJ, Figma
AWS Services	Amplify, CodeBuild, CodePipeline, CloudFront, Cognito, DynamoDB, EC2, ECS, Lambda, Step Functions, Secrets Manager, SNS, SQS, S3, Event Bridge, Route53
Azure Services	Azure App Service, Azure Pipelines, Azure Cosmos DB, Azure Active Directory, Azure Functions
Version Control Tools	GitHub, Tortoise SVN, Bitbucket, GitLab
Python Modules Data Tools	NumPy, Pandas, Matplotlib, BeautifulSoup, TensorFlow, PySpark
OS	Unix, Linux, Windows

PROFESSIONAL EXPERIENCE:

Lambda Technology Services, North Brunswick, New Jersey   **Feb. 2024-Present**

Skills: Next.js, MongoDB, Node.js, Express, Tailwind, Flutter, AWS, Firebase, Java Spring Boot, Gradle

AWS Services: DynamoDB, Cognito, Amplify, EC2, Lambda, CodeDeploy, CodePipeline, AppSync

Projects: Unlocked Foundation, Just Collab, WedDesigner

WedDesigner, Founder & Founding Engineer

Responsibilities:

- Designed and built a full-stack web platform enabling users to create personalized iOS and Android wedding apps with real-time preview, using Firebase Auth, Firestore, and dynamic form-to-app generation.
- Implemented reusable UI widget library in Flutter, reducing development time and improving design consistency across projects.
- Integrated Flutter app generation via Node.js/Express backend, automating ZIP downloads with user-specific customization (names, dates, location, RSVP logic).
- Leveraged Firebase Authentication and Firestore to build a secure, JSON-driven backend for the wedding platform, enabling seamless login, persistent user state, and dynamic storage of app configuration and RSVP data.
- Developed mobile-first components in Flutter based on Figma breakpoints, ensuring responsive design and intuitive user interaction across app screens (countdown, gallery, itinerary).
- Engineered Firestore-powered admin tools for editing form data, managing content, and viewing app progress; integrated secure password gating for RSVP workflows.
- Streamlined packaging and delivery of Flutter app source code using file system operations and archiving libraries, enabling end-to-end app generation in seconds.
- Replaced earlier Node.js/Express backend with a scalable Java Spring Boot microservice to generate personalized Flutter wedding apps as downloadable ZIPs, with full support for Firebase integration and dynamic templating.

Just Collab, Co-Founder and Head of Engineering

Responsibilities:

- Designed and built the entire platform end-to-end using Next.js, Flask, Sanity CMS, and AWS services.
- Deployed the full-stack application with AWS Amplify, setting up CI/CD pipelines for seamless development and production releases.
- Developed backend services in Flask to handle influencer onboarding, campaign creation, and task automation via clean RESTful APIs.
- Integrated DynamoDB to manage campaign metadata, user activity logs, and real-time collaboration status.

- Implemented secure role-based authentication, defining distinct platform flows for creators and brands.
- Automated task verification and reward distribution using Flask endpoints integrated with AWS Lambda and third-party APIs.
- Built the frontend UI with Next.js, optimizing for mobile and providing creators with a live task tracker and content upload tools.
- Structured scalable backend logic with Flask Blueprints, organizing APIs for campaign tracking, task state management, and analytics.
- Integrated Sanity CMS to enable dynamic content editing for campaign briefs and dashboard messaging by non-technical users.
- Led all product planning, technical architecture, and feature implementation from MVP to production as the sole engineer.

Unlocked Foundation, Mobile App Developer
Responsibilities:
- Designed and developed the Unlocked Foundation iOS app using Flutter, delivering an elegant and intuitive experience tailored to women's financial growth and independence.
- Implemented secure user authentication with AWS Cognito, enabling personalized access to workshops, journaling, and mentorship modules.
- Built a backend using MongoDB and AWS Lambda, supporting user progress tracking, program enrollment, and daily reflections.
- Developed features including goal tracking, curated financial literacy content, and check-in prompts aligned with Unlocked's curriculum.
- Integrated push notifications and interactive modules to drive engagement and celebrate personal milestones.
- Collaborated directly with program leadership to shape the user experience and translate real-world programs into app features.
- Deployed and distributed the app via TestFlight for internal testing and iterative feedback cycles before release.

Macy's, New York, New York   **Apr. 2022-Feb. 2024**

Role: Software Engineer UI
Skills: Backbone.js, Marionette.js, Vue.js, Jest, SCSS, GitLab, Lighthouse
Responsibilities:
- Led the integration of third-party APIs, which streamlined data retrieval processes and improved load times by 25%, enhancing overall application responsiveness.
- Optimized application performance through database indexing and query optimization, resulting in a 35% reduction in page load times and increase in user satisfaction.
- Implemented product pricing strategies that optimized application performance.
- Spearheaded a migration to Vue.js, significantly enhancing the user interface and interactivity, resulting increase in user engagement.
- Converted UI elements and layouts from Figma into reusable Vue.js components, ensuring design consistency and scalability across the app
- Conducted extensive testing and debugging, resolving compatibility issues, which reduced bug-related delays and improved overall application stability by 40%.
- Transformed Figma UX designs into operational components, accelerating development processes and reducing design-to-code conversion time by 50%.
- Utilized SCSS (Sass) to maintain a scalable and modular stylesheet, enhancing maintainability and readability, leading to a 20% decrease in stylesheet size and a 25% increase in developer productivity.
- Collaborated on the development and maintenance of unit tests, resulting in a 20% reduction in bugs and a 30% increase in code quality, reducing post-deployment issues by 15%.

YourOnlineMarketplace, East Aurora, New York   **Nov. 2020-Apr. 2022**

Role: Lead Full Stack Engineer
Skills: JavaScript, ReactJS, Vue.js, Node.js, Flutter, Ruby on Rails, Python, MySQL, AWS, Bitbucket, Kibana, TensorFlow, Swagger, Pandas, BeautifulSoup
AWS Services: DynamoDB, RDS, Step Functions, Lambda, CodeBuild, CodePipeline, CloudFront, EC2, S3, ECS

Responsibilities:

- Spearheaded the development and deployment of a highly optimized cross-platform mobile application for both iOS and Android, utilizing Flutter for seamless performance across ecosystems.
- Designed intuitive, responsive Figma prototypes for mobile and web platforms tailored to the needs of eCommerce brands and service-based businesses
- Led the development of multiple Flutter-based mobile applications, ensuring a consistent user experience and reducing development time by 25% through code reusability across platforms.
- Directed the implementation of DevOps practices, resulting in a 30% increase in deployment frequency and a 20% reduction in downtime.
- Developed interactive visualizations in Kibana to track supply chain performance, optimizing decision-making for inventory planning and warehouse management.
- Experience with Agile processes and Jira, integrating CI/CD pipelines and automation tools within the Agile framework to streamline software releases.
- Migrated a React.js application to Vue.js, improving performance by 35% and enhancing the user experience.
- Implemented OAuth 2.0 and JWT for secure access control, reducing unauthorized access incidents by 50%.
- Developed predictive models using TensorFlow for e-commerce, increasing decision-making accuracy by 30%.
- Designed a new PostgreSQL database model using AWS RDS to support a seamless migration from React to Vue.js, improving data structure efficiency and application performance.
- Enhanced API discoverability and developer efficiency by 40% through Swagger documentation.
- Improved deployment efficiency by 35% through CI/CD pipelines with AWS CodeBuild and CodePipeline.

Precise Software Solutions, Rockville, Maryland   **Nov. 2018-Oct. 2020**

Role: Python Full Stack Software Developer

Skills: JavaScript, Java, Angular2, Python, Django, Maven, Tortoise SVN, Oracle DB, Toad for Oracle, Weblogic12c

Responsibilities:

- Participated in all phases of the Software Development Life Cycle, mentoring new team members, conducting code reviews, and managing continuous maintenance, resulting in a 20% increase in team efficiency.
- Utilized the Django Caching Framework to improve application performance by 25%, enhancing user experience and reducing load times.
- Developed Django models to facilitate new database creation and management, increasing database efficiency by 30% and reducing data retrieval times by 20%.
- Implemented state management solutions using NgRx (Redux for Angular), ensuring predictable state updates and improving application maintainability by 25% and performance by 30%.
- Engineered new functionality in Java, addressing key business requirements and optimizing application processes.
- Configured Maven for build processes and deployed applications using WebLogic, improving deployment efficiency.
- Led deployment configuration as a release specialist, interfacing with end-users for troubleshooting and reducing deployment-related issues by 40%.
- Developed foundational data components, models, and workflows to meet diverse client requirements, including dimensional data, standard and ad hoc reporting, data feeds, dashboard reporting, and data science research.

CERTIFICATIONS:

- **Certified Scrum Master**: Certification Body: Scrum Alliance | Certification ID: 1534845 | Expiry Date: 02/20/2026