

Keshav Ramamurthy

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EDUCATION

University of Illinois Urbana-Champaign
Bachelor of Science in Computer Science + Advertising

Champaign, IL
Aug. 2023 - expected May 2027

EXPERIENCE

Project Manager and Software Developer Intern
EIPP Solutions Pvt Ltd

March 2021 – April 2022
Chennai, India

- Led a team of 5 developers to create an ASP.NET MVC dashboard for an air purification company
- Ported a package tracking portal from .NET Framework 4.8 to NET 5.0
- Developed an inhouse web dashboard in ASP.NET MVC to expedite payroll management, decreasing processing time by 66%
- Created infrastructure to implement a fully-automated accounts payable and invoice processing system, leading to cost savings of up to 90%

Backend & Chatbot Development Freelancer
Online Marketplace

May 2019 – April 2022
Online

- Developed over 300 chatbot applications for 150+ unique clients interfacing with the WebSocket API of social media company Discord
- Built a healthy relationship with all customers, rated average 4.9/5 stars by clients
- Created streamlined processes for enabling instant messaging-based e-commerce via Discord bots and messages

PROJECTS

Adify - Automated Discord Advertisements | *NodeJS, Discord API, MongoDB*

July 2021 – April 2022

- Founded an advertising business based on automating Discord-based advertisements, growing to over 3000+ orders within 6 months
- Implemented a three-part micro-service platform to individually handle payment processing, customer service and ad deployment
- Grew to over 3000+ orders within 6 months, grossing a revenue of \$30000 with an average rating of 4.6/5 stars

Plutonium - Payment Processor | *NodeJS, MongoDB, Express, WebSockets*

April 2021 – July 2021

- Worked with and integrated several external payment processing APIs e.g. PayPal, CashApp, Bitcoin to create all-in-one payment processing chatbot
- Implemented payment tracking, confirmation and anti-fraud mechanics through Express backend
- Developed dashboard to view payment volume, statistics and usage

Activa - Minecraft Anti-Cheat | *Git, NodeJS, Express, Bootstrap, MongoDB, Go*

May 2020 – January 2021

- Created web dashboard in MERN stack for server-side cheat detection to improve player experience and remove players with unfair advantages
- Developed a multi-threaded microservice in Go to extract and scan memory dumps of over 10,000,000+ lines each for evidence of client-side cheats
- Implemented tools to scale to asynchronously processing thousands of requests during hours of peak usage, reducing scan times by 80%

Quick Shortlinks | *NodeJS, Express, MySQL, Redis*

June 2020 – September 2020

- Built a shortlink creation and management system on the MERN stack to streamline the branding process of online businesses
- Grew a customer base of over 500, users reported an average increase of 12% in total revenue after implementing shortlinks
- Published a dashboard to view shortlink analytics such as CTR, impressions and views following popular user demand

TECHNICAL SKILLS

Languages: Java, C#, NodeJS

Frameworks: NodeJS, Express, .NET Framework, Electron

Developer Tools: Git, Docker, Visual Studio Code, GitHub, Visual Studio