MAYANK ARYA

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A dynamic Software Engineer with years of engineering and leadership experience with a knack for pioneering user centric full stack solutions. Built a fintech product 0 to 1, led a team of 8 and served 200k+ users.

EDUCATION

Carnegie Mellon University   Mountain View, CA
Master of Science in Software Management   Aug 2023 - Dec 2024
Relevant Courses: Product & Project Management • Applied AI • Human Computer Interaction • Business Modeling

Panjab University   Chandigarh, India
Bachelor of Engineering in Information Technology   Jun 2014 - May 2018
Relevant Courses: Web Development • Java Frameworks • Agile Software Development • Economics • Cloud Computing

PROFESSIONAL EXPERIENCE

BASIS *(VC backed startup curating financial products for women. Investors: Luno, Hustle, EMVC)*   Bangalore, India
Engineering Manager   Aug 2021 - Aug 2023
- Led an 8-member team, collaborating with **20+ cross-functional stakeholders** to develop a **MERN** SDLC pipeline for a **Buy-Now-Pay-Later** product crossing **$100k GTV** in the first three quarters
- Pioneered a **GPT-driven AI finance bot**, implementing A/B testing and robust data analytics leading to **20K+** user interactions in two weeks and improving the monthly user activation rate by **15%**
- Orchestrated integration with **RuPay** payment system, translating **50+ compliance** requirements into technical actions
- Drove a strategic pivot to a Prepaid card system, applying OOPs principles to accelerate the go-to-market time by **4 months** against projected timelines
- Engineered an efficient anti-spam system with **API latency impact of <10 ms**; achieving the VAPT security score of **0**
- Advanced DevOps & agile practices, upskilled team for cross-platform compatibility, slashing monthly costs by **25%**
- Directed the creation of an internal analytics platform using **Flutter**, boosting growth marketing cycles by **2x**
- Implemented a video streaming feature in React/Node, increasing weekly user engagement rate by **40%**

Full-Stack Software Engineer   Jul 2019 - Aug 2021
- Designed and launched **ReactJS** application, streamlining MVP development by **50%**
- Spearheaded the development of 15+ product features, integrating a suite of technologies (**MongoDB, Redis, MySQL, NodeJS, Django**) in an **AWS server,** impacting over **200k users**
- Integrated **Socket.io**, enabling **real-time sync** of community newsfeed boosting daily active users by **20%**
- Enabled server and web integrations of Clevertap, WhatsApp, Payment Gateways, Cloudinary, Vimeo, etc. supercharging user engagement by **10x**

SAUDADE WELLNESS (*Mental wellness-focused early-stage startup*)   Delhi, India
Technical Product Manager   Feb 2022 - Sep 2022
- Formulated and coded a MERN stack-based solution using **REST APIs**, providing necessary technical foundation to advance the strategic go-to-market and pricing initiatives resulting in the pilot launch being accelerated by 2 months
- Conducted **100+ user interviews**, analyzed insights to prioritize requirements, improving monthly retention by **10%**
- Streamlined the testing pipeline through test-driven development, cutting down bug occurrences by **75%**

VALUEFY   Mumbai, India
Software Development Engineer   Nov 2018 - Jun 2019
- Developed a financial visualization tool with NodeJS, MySQL, MongoDB, **ElasticSearch**, and Python, converting user bank investment statements into **30+ financial ratios** and increasing the monthly user acquisition rate by **20%**
- Conducted knowledge transfer sessions, facilitating migration of team from .NET framework to the JavaScript ecosystem, resulting in increase in team migration rate by **2x**

SKILLS & ADDITIONAL INFORMATION

- **Business**: Product Management, Communication, Leadership, Data visualization, User Research, Agile SDLC
- **Technology**: OOPs, JavaScript, MERN, AWS, SQL, R, Shell, Firebase, CI/CD, Dart, HTML, CSS, Django, REST APIs
- **Tools***:* Asana, JIRA, Smartsheet, Confluence, Postman, Microsoft Office Suite, Git(hub/labs), Miro, Figma