

ISHAN GUPTA

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EDUCATION

BABSON COLLEGE, F.W. OLIN GRADUATE SCHOOL OF BUSINESS, Boston, MA September 2021 – May 2023
MBA (STEM - Business Analytics and Machine Learning, Entrepreneurship, Science Technology and Enterprises Intensity Track)
GPA: 3.62/4.00 (Cum Laude) ; GMAT: 710; Recipient of President's MBA Scholarship

- Relevant Coursework: Business Analytics, Machine Learning, Economic and Financial Forecasting, Optimization
- Paysend, USA (Babson Consulting Experience): Provided recommendations by validating test hypothesis to create product strategy and increased the activation ratio of the registered users by 200%

NATIONAL INSTITUTE OF TECHNOLOGY, India August 2012 – June 2016
Bachelors in Science, Computer Science and Engineering

- Founding member of Entrepreneurship cell: Provided an incubator for 15+ startups across India
- Relevant Coursework: Database management, Data Mining, Design and Analysis of Algorithms, Software Design Principles
- Research Project: Led a team of 4 individuals to create a social network platform, and designed algorithms to quantify trust between people and scaled it to handle over 10,000 requests per second

EXPERIENCE

IOHK US LLC (DBA CARDANO), Mountain View, CA, USA (Remote) June 2022 – September 2022
Blockchain Engineer Intern

- Introduced benchmarks to monitor the performance of Cardano scripts and optimized the compilation pipeline in distributed systems to reduce the gas fees by 41% and script execution time by 12%
- Collaborated with the product team to build interactive debugger for Cardano scripts to help web3 developers build decentralized application on blockchain, reducing the debugging time by 86.4% and development time by 32.4%

EKO INDIA FINANCIAL SERVICES, Gurgaon, India (Remote) January 2019 – August 2021
Technology Lead / Senior Software Engineer

- Managed a team of 15+ engineers to build and maintain innovative mobile financial applications and APIs using Agile methodology, and oversee all aspects of full stack development to generate over \$3.2 million in annual revenue
- Developed mobile payment gateway by collaborating with IDEO UI/UX team using React, and Node.js for a network of 12,000 merchants and 750,000 users to increase a revenue of \$85,000/quarter
- Launched RESTful API suite for payment and verification, and led the integration with 4 state banks to generate annual revenue of \$110,000 / quarter
- Implemented clustering machine learning models for fraud detection in the payment API suite to reduce fraud by 39.4% and reduced cost by 16.6%
- Interpreted data to understand KPI failures of APIs, and worked with cross functional teams to remedy issues from coding enhancements to response time, increasing positive user feedback by 17.46%

SERVIFY, Mumbai, India March 2017 – January 2019
Product Manager / Senior Product Engineer (Founding member)

- As a founding member, played a crucial role in developing early products and reaching market fit, resulting in elevating startup's valuation to \$200 million
- Assisted CEO in fundraising efforts by developing and delivering product demonstrations, and effectively presenting technical specifications of product to prospective investors
- Initiated agile development and software development processes across engineering team for faster and reliable delivery reducing the production bugs by 51.2% and increasing the engineer's productivity by 11.7%
- Managed end-to-end product cycle for cloud-based SaaS Inventory Management Platform through cross-geographical collaboration with external stakeholders; shipped to 10+ countries and achieved inventory optimization by 20.67%
- Led a team of 5 engineers and collaborated with Samsung to develop a cloud-based SaaS CRM Platform and integrated 1500+ service centers in India, resulting in reduction of after-sales service turnaround time by 22%
- Implemented AI diagnostic system to identify issues in iPhone devices by collaborating with in-house engineering team and Apple team, reducing the labor costs for after-sales service by 19.5%

SKILLS

- **Core Competencies:** Data Structures & Algorithms, Web Development, Mobile Development, Microservice Development
- **Technical Skills:** JavaScript (React +Redux, Node, React-Native), C, C++, SQL, MySQL, PostgreSQL, MongoDB, Solidity, AWS