**PROFESSIONAL EXPERIENCE**

**Landmark Health LLC** Los Angeles, CA

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| **Senior Software Engineer** *2021.01–2023.12* |

Led development of cloud-based healthcare platform solutions, focusing on scalable data processing and analytics.

* Architected microservices architecture serving 100K+ healthcare providers, achieving 99.9% uptime and reducing response times by 40%
* Implemented real-time analytics dashboard using React and D3.js, enabling care teams to visualize patient outcomes and optimize treatment protocols
* Developed automated data pipeline processing 50TB of healthcare data monthly, improving clinical decision-making through machine learning insights
* Led cross-functional team of 8 engineers in migrating legacy systems to AWS, reducing infrastructure costs by 35% while improving scalability

**Capital Blue Cross** Harrisburg, PA

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| **Software Development Engineer II** *2019.03–2020.12* |

Developed insurance processing systems and member portal enhancements to improve customer experience and operational efficiency.

* Built member portal serving 500K+ customers, implementing secure authentication and real-time claims tracking functionality
* Optimized claims processing algorithms, reducing average processing time from 5 days to 2 hours and improving customer satisfaction scores by 25%
* Integrated third-party APIs for pharmacy benefits management, streamlining prescription coverage verification and reducing manual processing by 80%

**Pennsylvania Department of Education** Harrisburg, PA

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| **Software Engineer** *2017.06–2019.02* |

Developed educational data management systems and student information platforms for K-12 schools across Pennsylvania.

* Created statewide student assessment reporting system used by 500+ school districts, providing real-time analytics on academic performance

Implemented data warehouse solution consolidating information from 3,000+ schools, enabling comprehensive educational outcome analysis and policy decision support

**TechStart Solutions** Philadelphia, PA

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| **Junior Software Engineer** *2015.08–2017.05* |

Contributed to early-stage startup building enterprise software solutions for small and medium businesses.

* Developed customer relationship management platform used by 200+ small businesses, featuring automated lead tracking and sales pipeline management

Built responsive web applications using Angular and Node.js, improving user engagement metrics by 45% and reducing bounce rates

* Implemented CI/CD pipeline using Jenkins and Docker, reducing deployment time from 4 hours to 15 minutes and improving development velocity

**EDUCATION**

**Johns Hopkins University** US

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| **MS in Artificial Intelligence** *2018-2023* |

* Transitioned from a business-background to AI, focusing on AI technologies and their implications in media.

Completed 7 prerequisites in advanced math and programming and 11 graduate courses, including machine learning applications and data analysis.

Collaborated on projects involving AI-driven solutions for editorial workflows, enhancing consumer-facing products.

**University of Maryland** US

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| **MS in Finance** *2012-2014* |

* Developed strong analytical skills applicable to data analysis and consumer product development.

Engaged in cross-functional projects, fostering collaboration and leadership skills.

**University of Nottingham** China

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| **BS in Finance** *2008-2012* |

* Graduated with First Honors Degree, GPA 4.0, awarded Dean's Scholarship (top 5%).

Acquired foundational skills in data analysis and strategic decision-making.