

# AKHILESH MANTRIPRAGADA

PM | ENGINEER | ENTREPRENEUR

## CONTACT



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Cambridge, MA

## SKILLS

Java	Design/UX
PHP	Product Management
Python	Wireframing
SQL (MySQL)	Prototyping
MongoDB	Strategy and Roadmap
Laravel	Requirements Gathering
HTML5/CSS3	Go-to-Market Planning
JavaScript	A/B Testing
Vue JS	Information Architecture

## EXPERIENCE

### Lead Software Engineer, Pragma Systems Corp.

Cambridge, MA; May 2016 - Present

Pragma Systems builds Higher Education technology that unlocks campus silos and facilitates the flow of information for students, faculty, administrators, and employers. The technology enhances student success and eases the transition from college to career.

- Led the integration of Edulinc (my acquired startup) with Pragma's existing application
- Conceptualized, designed and led the development of an IBM-Watson powered machine learning based algorithm that tags college data with careers
- Designed and developed a student dashboard that connects multiple data silos for National University. Spearheaded the collaboration by engaging the university's CIO and stakeholder teams to gather, analyze and streamline data
- Managed multiple engagements as the customer-facing technical lead to prioritize feature backlog and gather customer requirements; Maintained scrum artifacts and worked with junior engineers to establish definitions of done
- Implemented processes to improve development team efficiency; Mentored new hires and developed onboarding processes

### Head of Product and Co-Founder, Edulinc

New York, NY; Oct 2014 - September 2016

Edulinc is an organization and collaboration tool for students and instructors. Edulinc integrates with Dropbox, GitHub and LMS to bring all relevant resources to one place and make collaboration among students and instructors more efficient.

#### • Acquired by Pragma Systems Corp. in 2016

- Built and led a team of 3 developers and 1 designer. Managed dependencies, prioritized feature set and allotted tasks to achieve maximum efficiency
- Designed and implemented Edulinc's core features (including integrations with Dropbox, Github and a payment/subscription module built using Stripe). Developed and documented APIs for students to continue developing other features for Edulinc
- Spearheaded conversations with Provosts, Deans and Department Chairs of universities to deploy Edulinc at 3 universities
- Led the team through two pivots, and devised strategies to capture relevant feedback

### Director of Engineering, Co-Founder, Intuitive Inventions LLP

Bangalore, India; San Antonio, TX; Aug 2013 - Dec 2014

- Built and led a team of 2 developers and 1 designer (Remote team)
- Gathered requirements for the Quantitative Literacy Course Data Submission(QLCDS) web portal from over 25 different instructors/program coordinators and translated them into easy to use features to cater to instructors from different backgrounds
- Designed, implemented and deployed the QLCDS web portal to efficiently capture student data; QLCDS is now being used by over 150 professors for 75 courses at UTSA and reduced workload by more than 75%

## EDUCATION

### Master of Science in Computer Science, Columbia University

New York, NY; 2014 - 2015

- Software Systems track under the supervision of Dr. Henning Schulzrinne (CTO @ FCC) and Dr. Ken Ross
- Teaching Assistant for Programming Environments & Software Systems and Programming for Entrepreneurs

### Bachelor of Science in Computer Science, University of Texas at San Antonio

San Antonio, TX; 2010 - 2014

- *Summa Cum Laude* (GPA 3.91); President's List for 7 consecutive semesters
- Highest Honors with Thesis entitled "Edulinc: Powerful Collaboration Tool for Schools"
- Received 2 research and travel grants to work on Edulinc and present my research at national conferences including National Conference for Undergraduate Research
- Received 8 scholarships and awards including the prestigious and highly competitive Presidential Honors Scholarship and College of Science Dean's Fund Excellence Award
- Awarded the University Life Award for the Most Outstanding Student at College of Sciences