Adithya Badidey

Versatile Software Developer; Experienced in building products, and Entrepreneurship

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EDUCATION

University of Utah   **Fall 2022**
M.S. in Computer Science   *GPA 3.9/4*
  - Areas of Focus: *Artificial Intelligence (AI/ML/Deep Learning), Natural Language Processing (NLP), Algorithms*
  - **NLP:** Designed and built an event extractor for a corporate mergers news dataset **[Python, Spacy, NLTK]**
  - **Independent Study:** Studied *Political discourse around Covid19 on Twitter* at the Crisis Informatics Lab, using Network Theory and Topic Modelling (BTM) **[Python, Scikit Learn, NetworkX]**
  - **Data Mining:** Built a music recommendation system which used reviews to approximate proximity **[Python]**
  - **Teaching Assistant** for *COMP1010 - Programming for All* (Spring & Fall 2021) **[Python]**

The ICFAI University, Tripura, India   **May 2010**
B.Tech. in Computer Science & Engineering   *GPA 8.64/10*

WORK EXPERIENCE

Kaulige Foods, Bangalore, India   **April 2017 – Oct. 2020**
Co-Founder & Director - Technology
  - Innovated new products and services using design thinking, which grew the company to the milestone of 10,000 retail customers and helped secure corporate clients like Intel, Sasken and Qualcomm.
  - Led software & web development, design, and data analytics. Co-led finance and marketing.
  - Built custom ERP solutions for kitchen and field operations that analysed data, generated predictions, and created dashboards. Leveraged this system to improve operating efficiency and cut down spending by more than 10% annually. **[Python/django/scikit-learn]**
  - Designed and implemented a robust data governance policy for acquisition, assessment, and analysis of data to ensure data integrity and enable high-confidence data-driven decision making.

Ideasutra, Bangalore, India   **Feb. 2014 - March 2017**
CTO & Full Stack Developer
  - Developed and released 3 unique products - *Pencilplay:* An app-based early childhood development tracker, *WheeKids*: An arts and activity-based engagement app for kids, & *PlayJam*: An online platform for events.
  - Led all aspects of development, testing, deployment, and operations. **[Android/Java, Scala/Play Frameworks, Javascript/AngularJS, AWS]**

EAFT Technologies, Bangalore, India   **Aug. 2011 - Feb. 2014**
Senior Software Engineer
  - Built Learning Management System (LMS) apps for use by students/teachers in classrooms. **[Android/Java]**
  - Worked closely with clients for requirement gathering, prototyping, & deployment; initially as an individual contributor and later promoted to Senior Software Engineer, in-charge of a team of 3.
  - Co-designed and implemented standard practices for ISO 9001 certification.

International Institute of Technology (IIIT), Hyderabad, India   **Aug. 2010 - May. 2011**
Project Assistant
  - Built an online *Virtual Lab for Image Processing*, a learning tool for students to explore different Image Processing techniques like filtering, sampling, edge detection, and fourier transforms. [**PHP, Javascript**, **C**]

Texas Instruments, Bengaluru, India   **Jul. 2009 - Dec. 2009**
Intern
  - Developed a semantic search engine for the internal learning and research archive. **[Perl, Topic Modelling]**

SKILLS & INTERESTS

  - **Programming Languages:** Python (pandas, scikit-learn, NLTK, Spacy, PyTorch, conda, venv), Java (Android), Scala, Javascript, HTML, CSS, AngularJS, SQL
  - **Skills:** Data Structures, Algorithms, Programming, Git Version Control, Visual design, Design Thinking, Data analysis, Business Intelligence, Entrepreneurship
  - **Interests:** Drawing, Painting, Composing music, Economics, Sociology, Cycling, Rock Climbing