Manthan **Keim**

SOFTWARE ENGINEER, FULL STACK ENGINEER

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Education

Purdue University   *West Lafayette, IN*
M.S. IN TECHNOLOGY, LEADERSHIP & INNOVATION   *Aug. 2021 - May 2023*

- Areas of interest: Software Engineering, Digital Innovation, and Open Source projects
- Coursework: Natural Language Processing, Data Mining, Artificial Intelligence, Foundation of Innovation Studies, Human Computer Interaction, Application Visual Analytics

Guru Gobind Singh Indraprastha University   *Delhi, India*
B.TECH. IN COMPUTER SCIENCE   *Aug. 2017 - May 2021*

- Areas of interest: Application Development, Web Scraping, and Open Source projects
- Achievements: Two times Hackathon winner and Founded Hack Club to teach students
- Coursework: Data Structures, Algorithms, Computer Networks, Computer Graphics, Software Engineering, Theory of Computation, Computer Architecture, OOP with C++, Computer Design

Experience

Purdue University   *West Lafayette, IN*
RESEARCH FELLOW, RCODI   *Aug. 2021 - Present*

- Creating and Studying the cognition of participants on the platform IronHacks.com by building new features.
- Write and deploy new features with ReactJS and Firebase serverless infrastructure.
- Created a internal note feature for internal RCODI team to use for communication, post messages and convey any changes during the competition.

Zotec Partners   *Carmel, IN*
FILE MANAGEMENT INTERN   *Jun. 2022 - Aug. 2022*

- Resolved 94 servicehub tickets which included analyzing HL7 files, pipeline logs, patient payment information and client credentials.
- Created and edited 1000+ MOVEit tasks which transfers files internally in the organization.
- Overcame a overnight failure of a process by writing XML scripts to speed up the process, transitioned from MOVEit to GoAnywhere.

MyWays   *New Delhi, India*
DATA MINING INTERN   *Aug 2019 - Oct. 2019*

- Worked with a team of 5 people for a startup company, built the personal development platform running under 2 months.
- Developed Scraping scripts to mine over 10K rows of data for building a job search platform, and restructure the collected data.

Skills & Open Source Contribution

Programming   Python, C++, JavaScript, Git, Bash, Web development, API development, Test-driven development, Continuous Integration, Web Scraping , Selenium, Djanjo, Flask

Open Source   Coala, Microsoft, OpenCV, IronHacks, RCODI

Personal Projects

Social Media Behaviour Analysis ↗
JAVASCRIPT, PYTHON, SELENIUM, HTML, CSS   *Jan.2021*

- Analyze emotion of content present on various social media like Youtube, Twitter, Instagram.
- Visualize the findings in different type of charts and flag if something is unusual.
- Application in detecting fake news and hate speech/bully detection on social media.

Social Digger ↗
PYTHON, FLASK, PICKLE, NUMPY, FACE RECOGNITION   *Mar.2019*

- Web App developed on Flask framework to search people on social media platforms viz. Facebook, LinkedIn, and Twitter through their name and professional photograph.

Awards Position of Responsibility

ACM Student Member, Microsoft Student Partner 2020-2021, Founder Hack Club MAIT, TEDx MAIT Organizer, NGO work for LFT, 1st runner up at GirlScript India Hackathon, Microsoft Smart India Hackathon, Scholarship for KubeCon NA 2021 and Open Source Summit Scholarship