

# Deva Surya Vivek Madala

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- <https://devamadala.github.io>

## EDUCATION

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P.G Diploma in Computer Science	Ashoka University	2017-18	Major CGPA: 4.0/4.0 Magna Cum Laude honors
BSc. (Hons) in Computer Science	Ashoka University	2014-17	Major CGPA: 3.87/4.0

## WORK / TEACHING EXPERIENCE

### Technical Lead | Amuse Labs

Jul '18 – Present

- Joined as one of the earliest engineering employees to develop PuzzleMe – a product that now serves more than a million crosswords & other smart games everyday
- Worked directly with partners such as The Washington Post, L.A. Times, The Guardian, The New Yorker, The Atlantic, and The New York Post
- Assumed full responsibility for database, analytics, server-side logic, and some infrastructure elements
- Led the development of native iOS and Android apps powered by PuzzleMe: The Guardian Puzzles
- Spearheaded multiplayer feature development, facilitating real-time collaboration for solving puzzles
- Managed multiple database and server migrations to improve the scalability of the product
- Automated processes to expedite the onboarding of new customers

### Teaching Assistant | Ashoka University

- Blockchain and Cryptocurrencies
- Computer Security and Privacy
- Probability and Statistics

Jan '19 – May '19

Jan '18 – May '18

Aug '17 – Dec '17

## RESEARCH PUBLICATIONS

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- **Madala, D. S. V.**, Mahabir Prasad Jhanwar, and Anupam Chattopadhyay. "[Certificate Transparency Using Blockchain](#)." *2018 IEEE International Conference on Data Mining Workshops (ICDMW)*. IEEE, 2018.
  - Minchu Kulkarni, Kshitij Kapoor, **Deva Surya Vivek Madala**, Sanchit Bansal, and Sudheendra Hangal. 2019. [Compartmentalizing Web Browsing with Sailboat](#). In *India HCI 2019 (IndiaHCI '19)*, November 1–3, 2019, Hyderabad, India. ACM, New York, NY, USA, 8 pages.

## INTERNSHIPS / PROJECTS

### Hyperledger Mentorship Program 2019 | Mentor

Jun '19 – Sept '19

- Mentored an intern for the project: [X.509 Certificate Transparency using Hyperledger Fabric Blockchain](#)

### McKinsey & Company | Summer Intern - Pune Smart City project

Jun '17 – Aug '17

- Assisted and managed deployment of IoT devices like VMDs, emergency call boxes, sensors
- Created installation reports, punch lists and evaluation checklists for all the elements

### mycity | Java Web App for Smart Cities

Dec '16 – Jul '18

- Developed an open data platform that enables local governance through public participation
- Deployed for Hubli-Dharwad (Karnataka, India) data

## TECHNICAL SKILLS

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Expert level programming (Java, TypeScript, Python), databases (MySQL, MongoDB), Google Cloud Platform, Android & iOS development, HTML & CSS, Blockchain, Hyperledger Fabric

## POSITIONS HELD

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**Resident Assistant Mentor** | *Ashoka University* Aug '17 – May '18

- Selected as a mentor and advisor for over 20 Resident Assistants responsible for the well-being of over a 1000 undergraduates.

**Resident Assistant** | *Ashoka University* Aug '16 – May '17

- Acted as a liaison between students and the Office of Student Life
- Facilitated in creating an environment that enhances the quality of student life on campus
- Ideated and organized educational, social and recreational programs for students

**Badminton Captain** | *Ashoka University* Aug '14 – May '17

- Formed a badminton team to represent the University
- Winner (team event): Badminton, Lotus Sports League 2017
- Runner up: Badminton (team event), Agneepath Sports Fest 2017

## AWARDS AND ACCOMPLISHMENTS

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| • <b>Magna Cum Laude honors</b> , Ashoka University   | 2018    |
| • <b>Academic Achievement Award</b> , Department of Computer Science, Ashoka University     | 2018    |
| • <b>Best Undergraduate Thesis</b> , Department of Computer Science, Ashoka University      | 2018    |
| • <b>Dean's list</b> for 6 semesters, Ashoka University (Recognition for a competitive GPA) | 2014-18 |
| • <b>Outstanding Resident Assistant</b> , Ashoka University                                 | 2017    |
| • <b>Class 12 School Topper</b> , Johnson IB World School                                   | 2014    |
| • <b>Class 10 School Topper</b> , D.A.V Public School                                       | 2012    |