Mihir Srivastava

Avantika University, Vishwanathpuram,
Lekoda Village, Ujjain - 456006
✉ mihir.srivastava@avantika.edu.in
📞 +91-8383874043

🔗 linkedin.com/in/mihir-srivastava/
🔗 www.github.com/msriv
🌐 msriv.com

EDUCATION

Avantika University
B. Tech. Computer Science and Engineering
Sept 2017 - Pursuing • 79.8%

The DPSG International
Class XII, CBSE, PCM
Jul 2016 - Jun 2017 • 82.8%

Class X, CBSE
Jul 2014 - Jun 2015 • 95%

RESEARCH EXPERIENCE

Avantika University - Research Assistant
Sept 2018 - Present
- Analysed MOS1, MOS2 and Pseudo-CMOS models.
- Developed current-based table models for MOSFETs.

PUBLICATION

- Modeling the Impact of a Non-Ohmic Contact on the Delay of Complementary OTFT Inverters, ICDCS, Coimbatore, India, 2020, pp. 76-79.

SCHOLARSHIP

Aryabhatta Scholarship - Avantika University
Sept 2019 - Present

INTERNSHIPS

Slang Labs - Summer Intern
May 2020 - Aug 2020
- Developed analytics dashboard for usage and device analytics.
- Computed data for graphs like funnel, retention matrix, comparison for different granularities.

InnoBytes Technologies - Summer Intern
May 2019 - Jul 2019
- Worked on business logic flow, development and production cycle.
- Worked on 5 projects simultaneously.

EXTRA-CURRICULAR

- Co-organized Hacktoberfest 2019 - An international open source competition by Digital Ocean at Avantika University.
- Attended Google Developers Group Devfest at Pune, 2019.
- Participated in CodeBreak 1.0 hackathon organized by MIT ADT, Pune.

ACADEMIC PROJECTS

Endpoint generation in a smart grid
- Designing infrastructure for renewable energy generation at homes and commercial sectors.
- Developed an automated switching mechanism for different power supplies.

Alumni android application
- Developed an android application for connecting alumnus with each other and with the University.
- Integrated features such as a social networking module, Google authentication provider and funding module.

Alumni web application
- Developed a web application as a tool for connecting alumnus and the University.
- Integrated a social networking module, authentication flow and funding module.

NON-ACADEMIC PROJECTS

ListWebinars - Collaborator
Jun 2020 - Present
- Built Wikipedia of webinars as a community driven initiative.
- Developed front-end components, integrated headless CMS using REST architecture, client side security handling and RBAC module.

Digital Takeoff - Co-Founder
Jul 2019 - Aug 2020
- Co-founded a services based startup focused on web-development projects.
- Learned about business management, project management and efficient requirement gathering.

TECHNICAL SKILLS

- **Front End** - React.js, Next.js, jQuery, SCSS, JSS, Styled-Components, Tailwind CSS
- **Back End** - Node.js, Express, PHP, Strapi CMS,
- **Databases** - MySQL, MongoDB, SQLite3, Firestore
- **Languages** - Javascript, Java, Python, C++
- **Data Visualization** - Tableau