

Prayush Kale

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Education:

BE IT	Govt. College of Engineering, Aurangabad	2018	7.64
Diploma CSE	Govt. Polytechnic, Nagpur	2015	84.31 %
10th SSC	CBSE	2012	90.3 %

Technical skills:

JavaScript, React, React Native, NodeJS, MySQL, MongoDB

Projects undertaken:

- **Programming Robots for ROBOCON**
Developed programs for 3 years as part of Team Cybrotics that participates in National Robotics Contest. Worked on Arduino, Raspberry Pi, MATLAB and OpenCV Tools.
- **Smart Home Robot – Final Year Project**
A mobile Home assistant robot that could understand Voice commands, control Electricals via IoT, detect Emergencies such as Fire and Burglary and be a play mate for the family.
- **Shortcuts App**
Fullstack (MERN) app that has a collection of several application keyboard shortcuts. Backend has been developed using Express and it uses MongoDB for Database. Frontend developed using React, Bootstrap and Sass.
- **Tools for Market Analysis**
Web app that scraps data from NSE website and presents data in a way that can be analyzed. Few features of the app include, i) Heatmap of NIFTY indices that can be sorted by OHLC and True Range, ii) Weightage of Stocks in NIFTY indices and iii) Sentiment Analysis algorithm to make Buy or Sell decisions.

Achievements:

- Team Cybrotics AIR-8 in ROBOCON-2016 and Won Best Innovative Design Award
- Runner up Award for Best use of MATLAB Tools and AIR-15 in ROBOCON-2018
- Vice-Captain for the College Robotics Team in 2017-18

Areas of Interest:

Web and Mobile app development, Data Visualization and 3D Graphics on the Web

Personal skills:

Hard Working, Willingness to Learn, Optimistic, Good Communication Skills