

# Mohammed Sainal Shah

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## Career Objective

Analytical, problem-solving computer programmer seeking a position where I can apply my skills and knowledge to design and implement innovative and efficient technical business solutions.

## Work Experience

**National Institute of Technology, Kisarazu, Japan**

**2017 Oct – 2018 Feb**

Intern, Software trainee

- ◆ Led the design and development of navigation system for the mobile robot
- ◆ Generate 3D map of the working environment with Xbox Kinect sensor
- ◆ Implement software to let voice recognition stack interface with navigation stack
- ◆ Implement obstacle detection and avoidance system
- ◆ Systematically tested and calibrated navigation software

## Education

**Diploma in Information Technology**

**2015 - 2018**

Republic Polytechnic

**GPA 3.9 / 4.0**

**Higher Secondary School (GCE 'A' Level equivalent)**

**2012 – 2014**

Palaymkunnu GHSS, India

**Distinction in Computer Science**

## Programming Experience

<b>Project Title</b>	: Smart Toilet
<b>Role</b>	: Systems Integrator and Systems Administrator
<b>Technology</b>	: AngularJS/Ionic/HTML/CSS/Node.js/AWS EC2/AWS RDS
<b>Objectives</b>	: Develop an IOT system to aid potential patients to detect lifestyle diseases such as diabetes and kidney failure in early stage and a system where patients can liaise with clinics.
<b>Deliverables</b>	: A hybrid mobile application which patients can use to scan urine and get results, an AWS backend which acts as server and data store, a web application for clinic staff to communicate with patients.

## Co-Curricular Activities

### President, Open Source Interest Group

- ◆ Developed a low cost interactive whiteboard with open source software
- ◆ Hosted workshops and organized events in campus

## Technical Skills

- ◆ Proficient in Java, Full stack web development with Angular, ASP.NET MVC
- ◆ Good working knowledge in data structure and algorithms
- ◆ Good knowledge in HTML, CSS, JavaScript, JQuery, AJAX and Bootstrap
- ◆ Good knowledge in MySQL, SQLite and MongoDB
- ◆ Good knowledge in C++, Python, Android development
- ◆ Good knowledge in Linux and Windows Server administration
- ◆ Good knowledge in SDLC phases
- ◆ Basic Knowledge in Git, Android development, Amazon Web Services administration

## Additional Skills

<b>Achievements</b>	: Diploma Prize for Top scorer (AY2017), Module Prize in Networking, Director's Roll of Honour for distinguished student
<b>Languages</b>	: Proficient in written and spoken English
<b>Personal Interests</b>	: Open source development

## Personal Particulars

<b>Nationality</b>	: Indian
<b>Date of Birth</b>	: 11-Apr-1996
<b>Marital Status</b>	: Single
<b>Availability</b>	: 1 month notice period

## References

References are available upon request